

DMX CHART



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Virtual Color Wheel Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 013	C3050 - Md Yellow	150	125	002	255	043
014 ⇄ 021	C3040 - Lt Yellow	235	108	005	255	076
022 ⇄ 028	C3240 - Amb Yellow	171	036	000	120	255
029 ⇄ 035	C2340 - VLt Amber	255	015	017	255	170
036 ⇄ 043	C2040 - Lt Amber	255	000	010	255	143
044 ⇄ 051	C2050 - Md Amber	255	000	003	255	075
052 ⇄ 059	C2060 - Dk Amber	188	000	002	255	044
060 ⇄ 067	C1050 - Lt Red	255	000	002	021	002
068 ⇄ 075	C1080 - Md Red	255	000	002	000	000
076 ⇄ 083	C1020 - NC Pink	255	130	025	255	027
084 ⇄ 091	C1030 - Md Pink	255	013	041	235	182
092 ⇄ 099	C1630 - Dk Pink	255	015	027	030	255
100 ⇄ 107	C1250 - Md Red Amber	255	000	004	115	009
108 ⇄ 115	C1060 - Dk Red Amber	255	000	004	011	008
116 ⇄ 121	C1650 - Magenta	255	000	022	081	039
122 ⇄ 130	C6170 - Dk Magenta	160	000	025	000	004
131 ⇄ 138	C6020 - Lt Lavender	255	162	043	255	140
139 ⇄ 146	C5030 - Lt Blue	012	255	070	076	115
147 ⇄ 154	C5020 - VLt Blue	030	187	085	215	255
155 ⇄ 162	C5430 - Lt Blue 2	004	255	062	093	049
163 ⇄ 170	C5070 - Blue	005	255	190	003	012
171 ⇄ 178	C5050 - Md Blue	008	250	145	005	088
179 ⇄ 186	C5060 - Dk Blue	005	209	255	015	074
187 ⇄ 194	C5690 - Indigo	005	000	200	013	003
195 ⇄ 202	C5080 - VDk Blue	007	112	255	005	007
203 ⇄ 210	C5081 - VDk Blue 2	004	108	255	003	004
211 ⇄ 218	C4370 - Yel Green	004	255	000	005	003
219 ⇄ 226	C4070 - Green	027	255	006	000	020
227 ⇄ 234	C4550 - Turquoise	007	255	021	070	076
235 ⇄ 242	C4560 - Aqua	007	255	031	085	115
243 ⇄ 250	C4570 - Blue Green	002	255	017	002	020
251 ⇄ 255	--	000	000	000	000	000

Color Temperature Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 025	2800K	255	51	18	255	255
026 ⇄ 050	3200K	179	82	25	185	220
051 ⇄ 075	3500K	255	130	33	255	240
076 ⇄ 100	4000K	255	219	45	198	255
101 ⇄ 125	4500K	140	255	55	255	255
126 ⇄ 150	5000K	107	255	63	200	255
151 ⇄ 175	5600K	82	255	72	190	230
176 ⇄ 200	6000K	74	255	78	167	255
201 ⇄ 225	6500K	65	255	84	140	255
226 ⇄ 255	--	000	000	000	000	000

DMX Values

2-Cell Personalities

2-Cell RGBAL FULL 31CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red 1	000 ⇄ 255	0–100%
4	Red Fine 1	000 ⇄ 255	0–100%
5	Green 1	000 ⇄ 255	0–100%
6	Green Fine 1	000 ⇄ 255	0–100%
7	Blue 1	000 ⇄ 255	0–100%
8	Blue Fine 1	000 ⇄ 255	0–100%
9	Amber 1	000 ⇄ 255	0–100%
10	Amber Fine 1	000 ⇄ 255	0–100%
11	Lime 1	000 ⇄ 255	0–100%
12	Lime Fine 1	000 ⇄ 255	0–100%
13	Virtual Color Wheel 1	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
14	Color Temperature 1	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
15	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
16	Red 2	000 ⇄ 255	0–100%
17	Red Fine 2	000 ⇄ 255	0–100%
18	Green 2	000 ⇄ 255	0–100%
19	Green Fine 2	000 ⇄ 255	0–100%
20	Blue 2	000 ⇄ 255	0–100%
21	Blue Fine 2	000 ⇄ 255	0–100%
22	Amber 2	000 ⇄ 255	0–100%
23	Amber Fine 2	000 ⇄ 255	0–100%
24	Lime 2	000 ⇄ 255	0–100%
25	Lime Fine 2	000 ⇄ 255	0–100%
26	Virtual Color Wheel 2	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
27	Color Temperature 2	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
28	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
29	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
30	Color Macros	000 ⇄ 015 016 ⇄ 255	No function Color macros
31	Dimmer Speed	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode 1 (fastest) Dimmer speed mode 2 Dimmer speed mode 3 (slowest)

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2-Cell RGBAL Fine 20CH

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Red Fine 1	000 ⇄ 255	0–100%
3	Green 1	000 ⇄ 255	0–100%
4	Green Fine 1	000 ⇄ 255	0–100%
5	Blue 1	000 ⇄ 255	0–100%
6	Blue Fine 1	000 ⇄ 255	0–100%
7	Amber 1	000 ⇄ 255	0–100%
8	Amber Fine 1	000 ⇄ 255	0–100%
9	Lime 1	000 ⇄ 255	0–100%
10	Lime Fine 1	000 ⇄ 255	0–100%
11	Red 2	000 ⇄ 255	0–100%
12	Red Fine 2	000 ⇄ 255	0–100%
13	Green 2	000 ⇄ 255	0–100%
14	Green Fine 2	000 ⇄ 255	0–100%
15	Blue 2	000 ⇄ 255	0–100%
16	Blue Fine 2	000 ⇄ 255	0–100%
17	Amber 2	000 ⇄ 255	0–100%
18	Amber Fine 2	000 ⇄ 255	0–100%
19	Lime 2	000 ⇄ 255	0–100%
20	Lime Fine 2	000 ⇄ 255	0–100%

2-Cell RGBAL EXT 19CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red 1	000 ⇄ 255	0–100%
4	Green 1	000 ⇄ 255	0–100%
5	Blue 1	000 ⇄ 255	0–100%
6	Amber 1	000 ⇄ 255	0–100%
7	Lime 1	000 ⇄ 255	0–100%
8	Virtual Color Wheel 1	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
9	Color Temperature 1	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
10	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
11	Red 2	000 ⇄ 255	0–100%
12	Green 2	000 ⇄ 255	0–100%
13	Blue 2	000 ⇄ 255	0–100%
14	Amber 2	000 ⇄ 255	0–100%
15	Lime 2	000 ⇄ 255	0–100%
16	Virtual Color Wheel 2	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
17	Color Temperature 2	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
18	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
19	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

2-Cell RGBA EXT 17CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red 1	000 ⇄ 255	0–100%
4	Green 1	000 ⇄ 255	0–100%
5	Blue 1	000 ⇄ 255	0–100%
6	Amber 1	000 ⇄ 255	0–100%
7	Virtual Color Wheel 1	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
8	Color Temperature 1	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
9	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
10	Red 2	000 ⇄ 255	0–100%
11	Green 2	000 ⇄ 255	0–100%
12	Blue 2	000 ⇄ 255	0–100%
13	Amber 2	000 ⇄ 255	0–100%
14	Virtual Color Wheel 2	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
15	Color Temperature 2	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
16	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
17	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

2-Cell RGB EXT 15CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red 1	000 ⇄ 255	0–100%
4	Green 1	000 ⇄ 255	0–100%
5	Blue 1	000 ⇄ 255	0–100%
6	Virtual Color Wheel 1	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
7	Color Temperature 1	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
8	Strobe 1	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
9	Red 2	000 ⇄ 255	0–100%
10	Green 2	000 ⇄ 255	0–100%
11	Blue 2	000 ⇄ 255	0–100%
12	Virtual Color Wheel 2	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
13	Color Temperature 2	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
14	Strobe 2	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
15	Strobe All	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

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2-Cell RGBAL 10CH

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	Amber 1	000 ⇄ 255	0–100%
5	Lime 1	000 ⇄ 255	0–100%
6	Red 2	000 ⇄ 255	0–100%
7	Green 2	000 ⇄ 255	0–100%
8	Blue 2	000 ⇄ 255	0–100%
9	Amber 2	000 ⇄ 255	0–100%
10	Lime 2	000 ⇄ 255	0–100%

2-Cell RGBA 8CH

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	Amber 1	000 ⇄ 255	0–100%
5	Red 2	000 ⇄ 255	0–100%
6	Green 2	000 ⇄ 255	0–100%
7	Blue 2	000 ⇄ 255	0–100%
8	Amber 2	000 ⇄ 255	0–100%

2-Cell RGB 6CH

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	Red 2	000 ⇄ 255	0–100%
5	Green 2	000 ⇄ 255	0–100%
6	Blue 2	000 ⇄ 255	0–100%

2-Cell HSV 6CH

Channel	Function	Value	Percent/Setting
1	Hue 1	000 ⇄ 255	0–100%
2	Saturation 1	000 ⇄ 255	0–100%
3	Value 1	000 ⇄ 255	0–100%
4	Hue 2	000 ⇄ 255	0–100%
5	Saturation 2	000 ⇄ 255	0–100%
6	Value 2	000 ⇄ 255	0–100%

1-Cell Personalities

1-Cell RGBAL FULL 17CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Red Fine	000 ⇄ 255	0–100%
5	Green	000 ⇄ 255	0–100%
6	Green Fine	000 ⇄ 255	0–100%
7	Blue	000 ⇄ 255	0–100%
8	Blue Fine	000 ⇄ 255	0–100%
9	Amber	000 ⇄ 255	0–100%
10	Amber Fine	000 ⇄ 255	0–100%
11	Lime	000 ⇄ 255	0–100%
12	Lime Fine	000 ⇄ 255	0–100%
13	Virtual Color Wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
14	Color Temperature	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
15	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
16	Color Macros	000 ⇄ 015 016 ⇄ 255	No function Color macros
17	Dimmer Speed	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode 1 (fastest) Dimmer speed mode 2 Dimmer speed mode 3 (slowest)

1-Cell RGBAL Fine 10CH

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0–100%
2	Red Fine	000 ⇄ 255	0–100%
3	Green	000 ⇄ 255	0–100%
4	Green Fine	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Blue Fine	000 ⇄ 255	0–100%
7	Amber	000 ⇄ 255	0–100%
8	Amber Fine	000 ⇄ 255	0–100%
9	Lime	000 ⇄ 255	0–100%
10	Lime Fine	000 ⇄ 255	0–100%

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1-Cell RGBAL EXT 10CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Green	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Amber	000 ⇄ 255	0–100%
7	Lime	000 ⇄ 255	0–100%
8	Virtual Color Wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
9	Color Temperature	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
10	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

1-Cell RGBA EXT 9CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Green	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Amber	000 ⇄ 255	0–100%
7	Virtual Color Wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
8	Color Temperature	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
9	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

1-Cell RGB EXT 8CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Green	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Virtual Color Wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
7	Color Temperature	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values
8	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

1-Cell RGBAL 5CH

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0–100%
2	Green	000 ⇄ 255	0–100%
3	Blue	000 ⇄ 255	0–100%
4	Amber	000 ⇄ 255	0–100%
5	Lime	000 ⇄ 255	0–100%

1-Cell RGBA 4CH

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0–100%
2	Green	000 ⇄ 255	0–100%
3	Blue	000 ⇄ 255	0–100%
4	Amber	000 ⇄ 255	0–100%

1-Cell RGB 3CH

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0–100%
2	Green	000 ⇄ 255	0–100%
3	Blue	000 ⇄ 255	0–100%

1-Cell DMX-VCW-CCT 3CH

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Virtual Color Wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart section for specific values
3	Color Temperature	000 ⇄ 255	Refer to the Color Temperature Chart section for specific values

1-Cell HSV 3CH

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇄ 255	0–100%
2	Saturation	000 ⇄ 255	0–100%
3	Value	000 ⇄ 255	0–100%