

Color Sequences for Control Cables

Below are two of the most common color sequences for control cables. For additional information see **Wire Wisdom** No. C-2, Appendix E of ICEA Publication S-73-532 (NEMA WC 57), Anixter's Wire & Cable catalog, or Anixter's Wire & Cable Technical Information Manual.

Conductor Number	Color Sequence E-1 (formerly K-1) For Non-NEC Applications			Color Sequence E-2 (formerly K-2) For NEC Applications	
	Base Color	First Tracer Color	Second Tracer Color	Base Color	Tracer Color
1	Black	--	--	Black	--
2	White	--	--	Red	--
3	Red	--	--	Blue	--
4	Green	--	--	Orange	--
5	Orange	--	--	Yellow	--
6	Blue	--	--	Brown	--
7	White	Black	--	Red	Black
8	Red	Black	--	Blue	Black
9	Green	Black	--	Orange	Black
10	Orange	Black	--	Yellow	Black
11	Blue	Black	--	Brown	Black
12	Black	White	--	Black	Red
13	Red	White	--	Blue	Red
14	Green	White	--	Orange	Red
15	Blue	White	--	Yellow	Red
16	Black	Red	--	Brown	Red
17	White	Red	--	Black	Blue
18	Orange	Red	--	Red	Blue
19	Blue	Red	--	Orange	Blue
20	Red	Green	--	Yellow	Blue
21	Orange	Green	--	Brown	Blue
22	Black	White	Red	Black	Orange
23	White	Black	Red	Red	Orange
24	Red	Black	White	Blue	Orange
25	Green	Black	White	Yellow	Orange
26	Orange	Black	White	Brown	Orange
27	Blue	Black	White	Black	Yellow
28	Black	Red	Green	Red	Yellow
29	White	Red	Green	Blue	Yellow
30	Red	Black	Green	Orange	Yellow
31	Green	Black	Orange	Brown	Yellow
32	Orange	Black	Green	Black	Brown
33	Blue	White	Orange	Red	Brown
34	Black	White	Orange	Blue	Brown

(continued)

(C-3 continued)

Conductor Number	Color Sequence E-1 (formerly K-1) For Non-NEC Applications			Color Sequence E-2 (formerly K-2) For NEC Applications	
	Base Color	First Tracer Color	Second Tracer Color	Base Color	Tracer Color
35	White	Red	Orange	Orange	Brown
36	Orange	White	Blue	Yellow	Brown
37	White	Red	Blue	--	--
38	Black	White	Green	--	--
39	White	Black	Green	--	--
40	Red	White	Green	--	--
41	Green	White	Blue	--	--
42	Orange	Red	Green	--	--
43	Blue	Red	Green	--	--
44	White	White	Blue	--	--
45	White	Black	Blue	--	--
46	Red	White	Blue	--	--
47	Green	Orange	Red	--	--
48	Orange	Red	Blue	--	--
49	Blue	Red	Orange	--	--
50	Black	Orange	Red	--	--
51	White	Black	Orange	--	--
52	Red	Orange	Black	--	--
53	Green	Red	Blue	--	--
54	Orange	Black	Blue	--	--
55	Blue	Black	Orange	--	--
56	Black	Orange	Green	--	--
57	White	Orange	Green	--	--
58	Red	Orange	Green	--	--
59	Green	Black	Blue	--	--
60	Orange	Green	Blue	--	--
61	Blue	Green	Orange	--	--
62	Black	Red	Blue	--	--
63	White	Orange	Blue	--	--
64	Red	Black	Blue	--	--
65	Green	Orange	Blue	--	--
66	Orange	White	Red	--	--
67	Blue	White	Red	--	--
68	Black	Green	Blue	--	--
69	White	Green	Blue	--	--
70	Red	Green	Blue	--	--
71	Green	White	Red	--	--
72	Orange	Red	Black	--	--
73	Blue	Red	Black	--	--
74	Black	Orange	Blue	--	--
75	Red	Orange	Blue	--	--
76	Green	Red	Black	--	--
77	Orange	White	Green	--	--
78	Blue	White	Green	--	--
79	Red	White	Orange	--	--
80	Green	White	Orange	--	--
81	Blue	Black	Green	--	--