

Wire Color Code Charts

**ICEA Color Code for Multiconductor audio, computer**

Cond #	Insulation color	Cond #	Insulation color	Cond #	Insulation color	Cond #	Insulation color	Cond #	Insulation color
1	Black	13	Red/Green	25	White/Black/Red	37	White/Red/Blue	49	White/Blue/Blue
2	Red	14	Red/Yellow	26	White/Black/Green	38	White/Red/Brown	50	White/Blue/Brown
3	White	15	Red/Black	27	White/Black/Yellow	39	White/Red/Violet		
4	Green	16	White/Black	28	White/Black/Blue	40	White/Green/Black		
5	Brown	17	White/Red	29	White/Black/Brown	41	White/Green/Red		
6	Blue	18	White/Green	30	White/Black/Orange	42	White/Green/Green		
7	Orange	19	White/Yellow	31	White/Black/Grey	43	White/Green/Blue		
8	Yellow	20	White/Blue	32	White/Black/Violet	44	White/Green/Brown		
9	Purple	21	White/Brown	33	White/Black/Black	45	White/Green/Violet		
10	Gray (Slate)	22	White/Orange	34	White/Red/Black	46	White/Blue/Black		
11	Pink	23	White/Grey	35	White/Red/Red	47	White/Blue/Red		
12	Tan	24	White/Violate	36	White/Red/Green	48	White/Blue/Green		

**ICEA Color code for paired wires**

Pair #	Cond.#1 color	Cond #1 tracer	Cond. #2 color	Pair #	Cond.#1 color	Cond #1 tracer	Cond. #2 color
1	Black		White	12	Red	White	White
2	Red		White	13	Green	White	White
3	Green		White	14	Blue	White	White
4	Orange		White	15	Black	Red	White
5	Blue		White	16	White	Red	White
6	White	Black	White	17	Orange	Red	White
7	Red	Black	White	18	Blue	Red	White
8	Green	Black	White	19	Red	Green	White
9	Orange	Black	White	20	Orange	Green	White
10	Blue	Black	White	21	Black		White
11	Black	White	White				

Wire Color Code Charts

**NEMA & ICEA Method K-1**

Cond. #	Insulation color	Cond. #	Insulation color	Cond. #	Insulation color
1	Black	21	Orange/Green	41	Green/White/Blue
2	White	22	Black/White/Red	42	Orange/Red/Green
3	Red	23	White/Black/Red	43	Blue/Red/Green
4	Green	24	Red/Black/White	44	Black/White/Blue
5	Orange	25	Brown/Black/White	45	White/Black/Blue
6	Blue	26	Orange/Black/White	46	Red/White/Blue
7	White/Black	27	Blue/Black/White	47	Green/Orange/Red
8	Red/Black	28	Black/Red/Green	48	Orange/Red/Blue
9	Green/Black	29	White/Red/Green	49	Blue/Red/Orange
10	Orange/Black	30	Red/Black/Green	50	Black/Orange/Red
11	Blue/Black	31	Green/Black/Orange	51	White/Black/Orange
12	Black/White	32	Orange/Black/Green	52	Red/Orange/Black
13	Red/White	33	Blue/White/Orange	53	Green/Red/Blue
14	Green/White	34	Black/White/Orange	54	Orange/Black/Blue
15	Blue/White	35	White/Red/Orange	55	Blue/Black/Orange
16	Black/Red	36	Orange/White/Blue	56	Black/Orange/Green
17	White/Red	37	White/Red/Blue	57	White/Orange/Green
18	Orange/Red	38	Black/White/Green	58	Red/Orange/Green
19	Blue/Red	39	White/Black/Green	59	Green/Black/Blue
20	Red/Green	40	Red/White/Green	60	Orange/Green/Blue

**NEMA & ICEA Method K-2**

Cond. #	Insulation color	Cond. #	Insulation color	Cond. #	Insulation color
1	Black	13	Blue/Red	25	Yellow/Orange
2	Red	14	Orange/Red	26	Brown/Orange
3	Blue	15	Yellow/Red	27	Black/Yellow
4	Orange	16	Brown/Red	28	Red/Yellow
5	Yellow	17	Black/Blue	29	Blue/Yellow
6	Brown	18	Red/Blue	30	Orange/Yellow
7	Red/Black	19	Orange/Blue	31	Brown/Yellow
8	Blue/Black	20	Yellow/Blue	32	Black/Brown
9	Orange/Black	21	Brown/Blue	33	Red/Brown
10	Yellow/Black	22	Black/Orange	34	Blue/Brown
11	Brown/Black	23	Red/Orange	35	Orange/Brown
12	Black/Red	24	Blue/Orange	36	Yellow/Brown

Note: Beyond 36 conductors, color code repeats starting at #1.

Wire Color Code Charts

**Telephone Paired Color Code**

Pair #	Cond. #1	Cond. #2	Pair #	Cond. #1	Cond. #2
1	White	Blue	14	Black	Brown
2	White	Orange	15	Black	Slate
3	White	Green	16	Yellow	Blue
4	White	Brown	17	Yellow	Orange
5	White	Slate	18	Yellow	Green
6	Red	Blue	19	Yellow	Brown
7	Red	Orange	20	Yellow	Slate
8	Red	Green	21	Violet	Blue
9	Red	Brown	22	Violet	Orange
10	Red	Slate	23	Violet	Green
11	Black	Blue	24	Violet	Brown
12	Black	Orange	25	Violet	Slate
13	Black	Green			

Note: More than 25 pairs the color code repeats and has colored or imprinted binders separating groups

**Western Electric Telephone Paired Color Code (CCE)**

Pair #	Cond. #1	Cond. #2	Pair #	Cond. #1	Cond. #2
1	White/Blue	Blue/White	14	Black/Brown	Brown/Black
2	White/Orange	Orange/White	15	Black/Slate	Slate/Black
3	White/Green	Green/White	16	Yellow/Blue	Blue/Yellow
4	White/Brown	Brown/White	17	Yellow/Orange	Orange/Yellow
5	White/Slate	Slate/White	18	Yellow/Green	Green/Yellow
6	Red/Blue	Blue/Red	19	Yellow/Brown	Brown/Yellow
7	Red/Orange	Orange/Red	20	Yellow/Slate	Slate/Yellow
8	Red/Green	Green/Red	21	Violet/Blue	Blue/Violet
9	Red/Brown	Brown/Red	22	Violet/Orange	Orange/Violet
10	Red/Slate	Slate/Red	23	Violet/Green	Green/Violet
11	Black/Blue	Blue/Black	24	Violet/Brown	Brown/Violet
12	Black/Orange	Orange/Black	25	Violet/Slate	Slate/Violet
13	Black/Green	Green/Black			

Note: More than 25 pairs the color code repeats and has colored or imprinted binders separating groups

Wire Color Code Charts

**TIA-598-A FiberOptic Color Code**

Fiber#	Insulation color	Fiber#	Insulation color
1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	10	Violet
5	Slate	11	Rose
6	White	12	Aqua

Note: More than 12 Fibers the color code repeats and have striped subgroups

**CCC Color Code**

Pair #	Cond. #1	Cond. #2	Pair #	Cond. #1	Cond. #2
1	Black	Red	14	Green	White
2	Black	White	15	Green	Blue
3	Black	Green	16	Green	Yellow
4	Black	Blue	17	Green	Brown
5	Black	Yellow	18	Green	Orange
6	Black	Brown	19	White	Blue
7	Black	Orange	20	White	Yellow
8	Red	White	21	White	Brown
9	Red	Green	22	White	Orange
10	Red	Blue	23	Blue	Yellow
11	Red	Yellow	24	Blue	Brown
12	Red	Brown	25	Blue	Orange
13	Red	Orange			

Note: More than 25 pairs the color code repeats and has colored or imprinted binders separating groups

**Fire Alarm Color Code 1**

Cond. #	Insulation color	Cond. #	Insulation color
1	Black	7	Purple
2	Red	8	Pink
3	Green	9	Tan
4	Yellow	10	Orange
5	Brown	11	Black/White
6	Blue	12	Red/White

**Fire Alarm Color Code 2**

Cond. #	Insulation color	Cond. #	color
1	Black	7	Purple
2	Red	8	Green
3	Brown		
4	Blue		
5	Orange		
6	Yellow		