

Converting Colors

CIELCh(43, 48.287, 49.620)

Have a look what the booklet for
CIELCh(43, 48.287, 49.620) contains.

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Color

CIELCh(43, 48.287, 49.620)

Conversions

Conversions Part 1

Format	Color
Hex	A04E29
RGB	160, 78, 41
RGB Percent	63%, 31%, 16%
CMY	0.3713, 0.6930, 0.8382
CMYK	0.00, 0.51, 0.74, 0.37
HSL	19°, 59%, 40%
HSV	19°, 74%, 63%
XYZ	17.7122, 13.1578, 3.7275
YIQ	98.3000, 60.7490, 5.8770

Conversions

Conversions Part 2

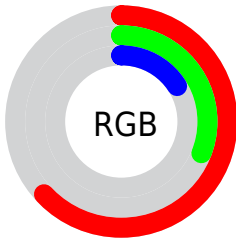
Format	Color
RYB	160, 95, 41
Decimal	10505769
CIELab	43.00, 31.28, 36.78
CIElCh	43, 48.287, 49.620
Yxy	13.1578, 0.5120, 0.3803
Android (android.graphics.Color)	4288695849 (0xFFA04E29)
YUV	98.3000, -28.2489, 54.1109
Hunter-Lab	36.2736, 23.6816, 19.2988

Details

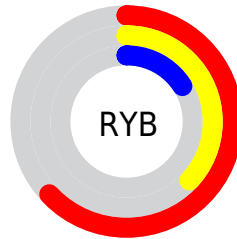
The CIELCh color **43, 48.287, 49.620** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **49, 29.359, 246.386**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 48.134, 50.047**, and **23, 46.142, 47.038** is the 20% darker color. If you saturate the color by 10%, you get **41, 55.861, 49.341**, and if you desaturate by 10%, it is **46, 40.572, 49.800**.

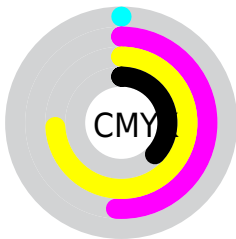
Distribution



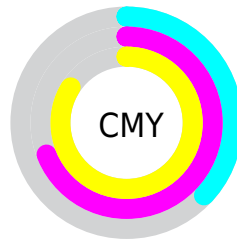
- Red (63%)
- Green (31%)
- Blue (16%)



- Red (63%)
- Yellow (37%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (74%)
- Black (37%)



- Cyan (37%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 48.287, 49.620 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 48.287, 49.620 by changing the saturation by 10% instead.

■ 43, 48.287, 49.620

■ 43, 48.287, 49.620

■ 100, 48.287,
49.620

■ 33, 48.287, 49.620

■ 63, 48.287, 49.620

■ 23, 48.287, 49.620

■ 73, 48.287, 49.620

■ 13, 48.287, 49.620

■ 83, 48.287, 49.620

■ 3, 48.287, 49.620

■ 93, 48.287, 49.620

■ 0, 48.287, 49.620

■ 43, 48.287, 49.620

■ 43, 48.287, 49.620

■ 41, 55.861, 49.341

■ 46, 40.572, 49.800

■ 39, 62.515, 48.590

■ 48, 33.097, 50.028

37, 66.173, 48.334

51, 26.020, 50.358

55, 19.395, 50.792

58, 13.227, 51.316

61, 7.494, 51.900

65, 2.160, 52.425

68, 2.813, 233.475

71, 7.464, 234.106

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 48.287, 49.620



49, 29.359, 246.386

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 48.287, 49.620



43, 48.287, 99.620



43, 48.287, 229.620



43, 48.287, 279.620

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 48.285, 49.623



75, 14.784, 51.420



39, 59.422, 340.664



38, 10.007, 51.279



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 48.285, 49.623



51, 73.475, 48.945



57, 51.588, 91.556



32, 2.883, 52.197



33, 60.506, 48.623



2, 3.669, 50.921

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 29.359, 246.386



59, 40.334, 253.166



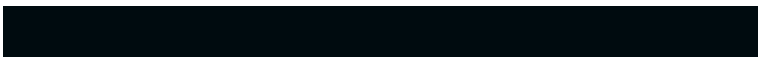
31, 59.907, 294.962



32, 2.750, 233.725



39, 32.034, 256.974



2, 3.667, 237.296

Previews

White Background



This preview shows how the CIELCh color 43, 48.287, 49.620 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 48.287, 49.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 48.287, 49.620

Background



This preview shows how black text looks on a background with the CIELCh color 43, 48.287, 49.620.



This preview shows how white text looks on a background with the CIELCh color 43, 48.287, 49.620.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43, 48.287, 49.620

Protanopia

43, 31.853, 95.878

Deuteranopia

43, 38.742, 81.330



Tritanopia
43, 39.737, 21.778

Trichromacy



Original Color
43, 48.287, 49.620

Protanomaly
42, 33.890, 73.181

Deuteranomaly
43, 40.537, 67.284

Tritanomaly
43, 41.375, 34.083

Monochromacy



Original Color
43, 48.287, 49.620

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.034, 49.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 48.287, 49.620 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 78, 41)` looks like.

```
.text, #text, p{  
    color:rgb(160, 78, 41)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 78, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 78, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 48.287, 49.620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 78, 41) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(160, 78, 41) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(160, 78, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 78, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 78, 41);  
box-shadow:4px 4px 4px 4px rgb(160, 78,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 48.287, 49.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 78, 41) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160, 78,  
41) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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