

Converting Colors

CIELCh(54, 51.301, 48.874)

Have a look what the booklet for
CIELCh(54, 51.301, 48.874) contains.

CIELCh(54, 50.886, 49.065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 50.886, 49.065)

Conversions

Conversions Part 1

Format	Color
Hex	C46840
RGB	196, 104, 64
RGB Percent	77%, 41%, 25%
CMY	0.2318, 0.5925, 0.7493
CMYK	0.00, 0.47, 0.67, 0.23
HSL	18°, 53%, 51%
HSV	18°, 67%, 77%
XYZ	28.6032, 21.9746, 7.5725
YIQ	126.9480, 67.6720, 7.0640

Conversions

Conversions Part 2

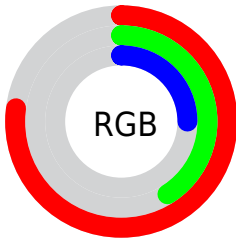
Format	Color
R _Y B	196, 121, 64
Decimal	12871744
CIE Lab	54.00, 33.34, 38.44
CIE LCh	54, 50.886, 49.065
Yxy	21.9746, 0.4919, 0.3779
Android (android.graphics.Color)	4291061824 (0xFFC46840)
YUV	126.9480, -31.0334, 60.5586
Hunter-Lab	46.8770, 26.8815, 23.2362

Details

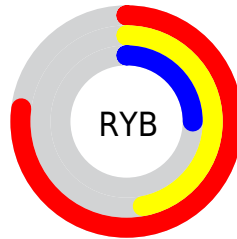
The CIELCh color **54, 50.886, 49.065** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **61, 32.054, 243.103**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 50.232, 49.194**, and **34, 50.917, 48.715** is the 20% darker color. If you saturate the color by 10%, you get **51, 60.022, 48.948**, and if you desaturate by 10%, it is **57, 41.896, 49.203**.

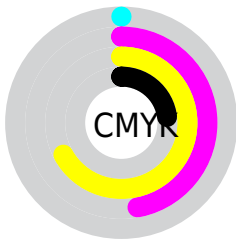
Distribution



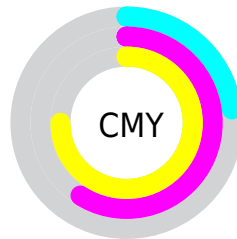
- Red (77%)
- Green (41%)
- Blue (25%)



- Red (77%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (67%)
- Black (23%)



- Cyan (23%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.886, 49.065 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 54, 50.886, 49.065 by changing the saturation by 10% instead.

■ 54, 50.886, 49.065

■ 54, 50.886, 49.065

■ 100, 50.886,
49.065

■ 44, 50.886, 49.065

■ 74, 50.886, 49.065

■ 34, 50.886, 49.065

■ 84, 50.886, 49.065

■ 24, 50.886, 49.065

■ 94, 50.886, 49.065

■ 14, 50.886, 49.065

■ 4, 50.886, 49.065

■ 0, 50.886, 49.065

■ 54, 50.886, 49.065

■ 54, 50.886, 49.065

■ 51, 60.022, 48.948

■ 57, 41.896, 49.203

■ 48, 68.674, 48.601

■ 61, 33.334, 49.437

46, 75.739, 47.612

64, 25.303, 49.789

45, 77.519, 47.440

68, 17.828, 50.246

72, 10.890, 50.783

76, 4.450, 51.339

80, 1.538, 232.444

84, 7.122, 232.892

88, 12.350,
233.580

Harmonies

Complementary

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



54, 50.886, 49.065



61, 32.054, 243.103

Rectangle

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



54, 50.886, 49.065



54, 50.886, 99.065



54, 50.886, 229.065



54, 50.886, 279.065

Sweetspot

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



54, 50.884, 49.068



90, 15.706, 50.619



49, 65.412, 339.963



47, 10.833, 50.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 50.884, 49.068



64, 78.520, 48.831



70, 55.952, 92.298



39, 3.419, 51.235



37, 66.555, 47.935



5, 11.872, 39.354

Inverse Universe

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



61, 32.054, 243.103



73, 44.281, 248.608



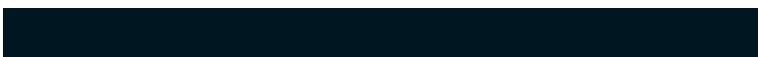
42, 63.381, 293.270



39, 3.254, 232.739



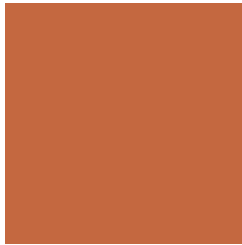
44, 34.657, 256.097



7, 10.592, 245.691

Previews

White Background



This preview shows how the CIELCh color 54, 50.886, 49.065 looks on a white 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

Black Background



This preview shows how the CIELCh color 54, 50.886, 49.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

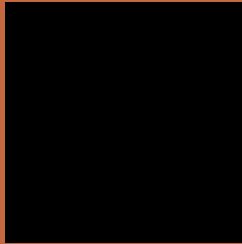
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.886, 49.065

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.886, 49.065.



This preview shows how white text looks on a background with the CIELCh color 54, 50.886, 49.065.

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

54, 50.886, 49.065

Protanopia

54, 32.548, 96.466

Deuteranopia

54, 39.941, 79.700



Tritanopia
54, 42.612, 19.947

Trichromacy



Original Color
54, 50.886, 49.065

Protanomaly
54, 35.333, 73.639

Deuteranomaly
54, 42.391, 66.481

Tritanomaly
54, 43.901, 31.936

Monochromacy



Original Color
54, 50.886, 49.065

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 16.924, 51.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.886, 49.065 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(196, 104, 64)` looks like.

```
.text, #text, p{  
    color:rgb(196, 104, 64)  
}
```

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(196, 104, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 104, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.886, 49.065 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(196, 104, 64) }
```

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

```
.border{ border-color:rgb(196, 104, 64) }
```

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

Here you see how a box with a 4 pixel rgb(196, 104, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 104, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 104, 64);  
box-shadow:4px 4px 4px 4px rgb(196, 104,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.886, 49.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 104, 64) }
```

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

```
.background{ background-color: rgb(196,  
104, 64) }
```

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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