

Converting Colors

CIELCh(58, 43.151, 55.484)

Have a look what the booklet for
CIELCh(58, 43.151, 55.484) contains.

CIELCh(58, 43.126, 55.920)	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(58, 43.126, 55.920)

Conversions

Conversions Part 1

Format	Color
Hex	C37A4E
RGB	195, 122, 78
RGB Percent	76%, 48%, 31%
CMY	0.2365, 0.5226, 0.6951
CMYK	0.00, 0.37, 0.60, 0.24
HSL	23°, 49%, 53%
HSV	23°, 60%, 76%
XYZ	30.7191, 25.9610, 10.5523
YIQ	138.8110, 57.6320, 1.7920

Conversions

Conversions Part 2

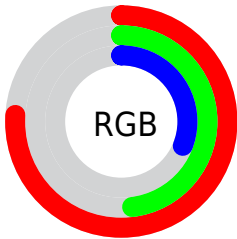
Format	Color
RYB	195, 149, 78
Decimal	12810830
CIELab	58.00, 24.17, 35.72
CIELCh	58, 43.126, 55.920
Yxy	25.9610, 0.4569, 0.3861
Android (android.graphics.Color)	4291000910 (0xFFC37A4E)
YUV	138.8110, -29.9798, 49.2778
Hunter-Lab	50.9519, 18.4525, 23.3872

Details

The CIELCh color **58, 43.126, 55.920** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **60, 31.113, 252.026**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 43.224, 55.988**, and **38, 43.105, 56.520** is the 20% darker color. If you saturate the color by 10%, you get **55, 51.722, 55.218**, and if you desaturate by 10%, it is **61, 34.812, 56.640**.

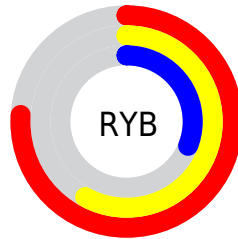
Distribution



Red (76%)

Green (48%)

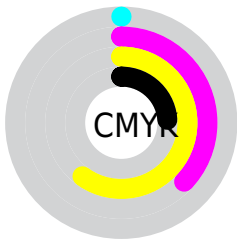
Blue (31%)



Red (76%)

Yellow (58%)

Blue (31%)

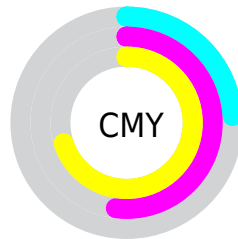


Cyan (0%)

Magenta (37%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 43.126, 55.920 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 58, 43.126, 55.920 by changing the saturation by 10% instead.

■ 58, 43.126, 55.920

■ 58, 43.126, 55.920

■ 100, 43.126,
55.920

■ 48, 43.126, 55.920

■ 78, 43.126, 55.920

■ 38, 43.126, 55.920

■ 88, 43.126, 55.920

■ 28, 43.126, 55.920

■ 98, 43.126, 55.920

■ 18, 43.126, 55.920

■ 8, 43.126, 55.920

■ 0, 43.126, 55.920

■ 58, 43.126, 55.920

■ 58, 43.126, 55.920

■ 55, 51.722, 55.218

■ 61, 34.812, 56.640

■ 52, 60.243, 54.400

■ 64, 26.931, 57.408

50, 67.937, 53.187

68, 19.528, 58.231

47, 74.106, 51.472

71, 12.599, 59.098

75, 6.113, 59.976

79, 0.034, 47.691

82, 5.684, 242.011

86, 11.079,
242.914

90, 16.192,
243.831

Harmonies

Complementary

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



58, 43.126, 55.920



60, 31.113, 252.026

Rectangle

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



58, 43.126, 55.920



58, 43.126, 105.920



58, 43.126, 235.920



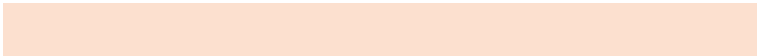
58, 43.126, 285.920

Sweetspot

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



58, 43.125, 55.924



91, 13.873, 59.256



51, 57.366, 342.630



48, 9.816, 58.994



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 43.125, 55.924



69, 66.095, 54.988



72, 52.986, 97.511



39, 3.422, 60.035



39, 63.957, 52.019



5, 11.605, 45.461

Inverse Universe

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



60, 31.113, 252.026



71, 44.177, 256.654



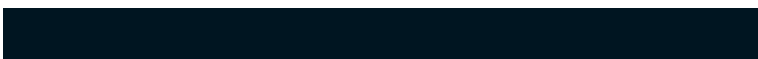
43, 60.494, 294.453



39, 3.288, 242.039



41, 39.464, 268.326



6, 11.248, 256.330

Previews

White Background



This preview shows how the CIELCh color 58, 43.126, 55.920 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 58, 43.126, 55.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

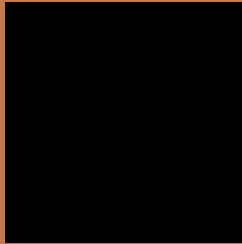
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 43.126, 55.920

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.126, 55.920.



This preview shows how white text looks on a background with the CIELCh color 58, 43.126, 55.920.

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

58, 43.126, 55.920

Protanopia

58, 31.762, 95.926

Deuteranopia

58, 37.289, 78.300



Tritanopia
58, 34.444, 15.291

Trichromacy



Original Color
58, 43.126, 55.920

Protanomaly
58, 33.162, 78.009

Deuteranomaly
58, 38.737, 69.159

Tritanomaly
58, 35.261, 32.184

Monochromacy



Original Color
58, 43.126, 55.920

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 14.353, 59.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.126, 55.920 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(195, 122, 78)` looks like.

```
.text, #text, p{  
    color:rgb(195, 122, 78)  
}
```

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(195, 122, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 122, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.126, 55.920 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(195, 122, 78) }
```

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

```
.border{ border-color:rgb(195, 122, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 122, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 122, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 122, 78);  
box-shadow:4px 4px 4px 4px rgb(195, 122,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.126, 55.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 122, 78) }
```

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

```
.background{ background-color: rgb(195,  
122, 78) }
```

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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