

Converting Colors

CIELCh(48, 55.442, 38.575)

Have a look what the booklet for
CIELCh(48, 55.442, 38.575) contains.

CIELCh(48, 55.442, 38.575)	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(48, 55.442, 38.575)

Conversions

Conversions Part 1

Format	Color
Hex	BE4F3A
RGB	190, 79, 58
RGB Percent	75%, 31%, 23%
CMY	0.2557, 0.6908, 0.7731
CMYK	0.00, 0.58, 0.70, 0.26
HSL	10°, 53%, 49%
HSV	10°, 70%, 74%
XYZ	24.7310, 16.7945, 5.9216
YIQ	109.7950, 72.8970, 17.0010

Conversions

Conversions Part 2

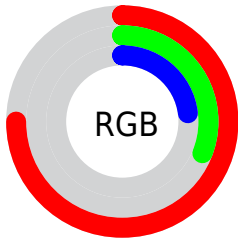
Format	Color
R_{YB}	190, 83, 58
Decimal	12472122
CIE _{Lab}	48.00, 43.34, 34.57
CIE _{LCh}	48, 55.442, 38.575
Yxy	16.7945, 0.5212, 0.3540
Android (android.graphics.Color)	4290662202 (0xFFBE4F3A)
YUV	109.7950, -25.5349, 70.3398
Hunter-Lab	40.9810, 36.0035, 20.1195

Details

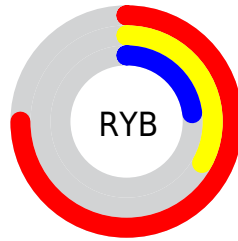
The CIELCh color **48, 55.442, 38.575** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **64, 31.276, 219.423**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 55.157, 38.763**, and **28, 55.387, 38.603** is the 20% darker color. If you saturate the color by 10%, you get **45, 64.896, 40.040**, and if you desaturate by 10%, it is **51, 45.983, 37.318**.

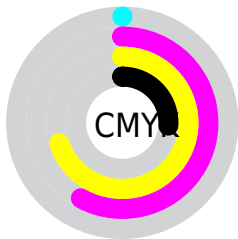
Distribution



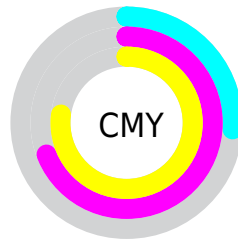
- Red (75%)
- Green (31%)
- Blue (23%)



- Red (75%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (26%)



- Cyan (26%)
- Magenta (69%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 55.442, 38.575 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 48, 55.442, 38.575 by changing the saturation by 10% instead.

 48, 55.442, 38.575

 48, 55.442, 38.575

 100, 55.442,
38.575

 38, 55.442, 38.575

 68, 55.442, 38.575

 28, 55.442, 38.575

 78, 55.442, 38.575

 18, 55.442, 38.575

 88, 55.442, 38.575

 8, 55.442, 38.575

 98, 55.442, 38.575

 0, 55.442, 38.575

 48, 55.442, 38.575

 48, 55.442, 38.575

 45, 64.896, 40.040

 51, 45.983, 37.318

 43, 73.585, 41.375

 55, 36.876, 36.345

41, 80.465, 42.257

59, 28.283, 35.651

41, 80.793, 42.334

63, 20.273, 35.191

68, 12.858, 34.916

72, 6.017, 34.757

77, 0.293, 216.654

82, 6.121, 215.020

87, 11.518,
215.128

Harmonies

Complementary

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



48, 55.442, 38.575



64, 31.276, 219.423

Rectangle

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



48, 55.442, 38.575



48, 55.442, 88.575



48, 55.442, 218.575



48, 55.442, 268.575

Sweetspot

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



48, 55.440, 38.578



85, 17.284, 34.955



48, 71.892, 333.165



44, 11.932, 35.024



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



48, 55.440, 38.578



57, 84.509, 40.736



63, 51.392, 80.219



37, 3.562, 34.755



34, 70.151, 42.505



4, 11.051, 29.632

Inverse Universe

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



64, 31.276, 219.423



79, 41.204, 222.400



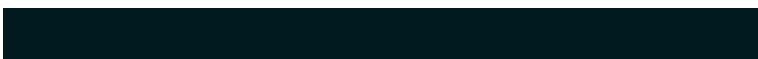
45, 51.474, 284.758



39, 3.358, 215.019



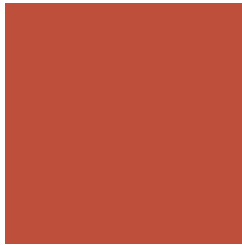
51, 30.466, 226.216



7, 9.680, 221.330

Previews

White Background



This preview shows how the CIELCh color 48, 55.442, 38.575 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 48, 55.442, 38.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

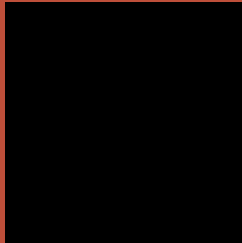
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 55.442, 38.575

Background



This preview shows how black text looks on a background with the CIELCh color 48, 55.442, 38.575.



This preview shows how white text looks on a background with the CIELCh color 48, 55.442, 38.575.

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

48, 55.442, 38.575

Protanopia

48, 26.437, 96.568

Deuteranopia

48, 36.801, 79.956



Tritanopia
48, 51.184, 24.415

Trichromacy



Original Color
48, 55.442, 38.575

Protanomaly
47, 31.492, 62.031

Deuteranomaly
47, 40.479, 59.554

Tritanomaly
48, 52.443, 29.672

Monochromacy



Original Color
48, 55.442, 38.575

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 18.616, 36.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 55.442, 38.575 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(190, 79, 58)` looks like.

```
.text, #text, p{  
    color:rgb(190, 79, 58)  
}
```

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(190, 79, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 79, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 55.442, 38.575 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(190, 79, 58) }
```

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

```
.border{ border-color:rgb(190, 79, 58) }
```

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

Here you see how a box with a 4 pixel rgb(190, 79, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 79, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 79, 58);  
box-shadow:4px 4px 4px 4px rgb(190, 79,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 55.442, 38.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 79, 58) }
```

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

```
.background{ background-color: rgb(190, 79,  
58) }
```

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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