

Converting Colors

CIELCh(52, 56.522, 57.200)

Have a look what the booklet for
CIELCh(52, 56.522, 57.200) contains.

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Color

CIELCh(52, 56.440, 57.244)

Conversions

Conversions Part 1

Format	Color
Hex	BC6529
RGB	188, 101, 41
RGB Percent	74%, 40%, 16%
CMY	0.2629, 0.6041, 0.8394
CMYK	0.00, 0.46, 0.78, 0.26
HSL	24°, 64%, 45%
HSV	24°, 78%, 74%
XYZ	25.7762, 20.1443, 4.6238
YIQ	120.1730, 71.1120, -0.2160

Conversions

Conversions Part 2

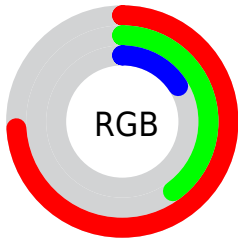
Format	Color
R_{YB}	188, 142, 41
Decimal	12346665
CIE _{Lab}	52.00, 30.54, 47.47
CIE _{LCh}	52, 56.440, 57.244
Yxy	20.1443, 0.5100, 0.3985
Android (android.graphics.Color)	4290536745 (0xFFBC6529)
YUV	120.1730, -39.0323, 59.4843
Hunter-Lab	44.8824, 23.9692, 25.3097

Details

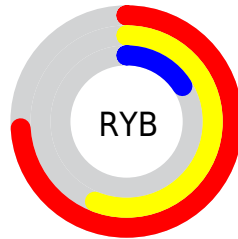
The CIELCh color **52, 56.440, 57.244** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **51, 38.937, 263.287**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 56.531, 57.446**, and **32, 53.321, 54.492** is the 20% darker color. If you saturate the color by 10%, you get **50, 63.867, 55.891**, and if you desaturate by 10%, it is **55, 48.333, 58.264**.

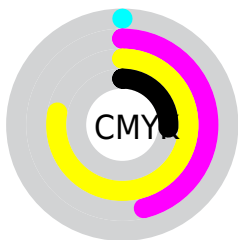
Distribution



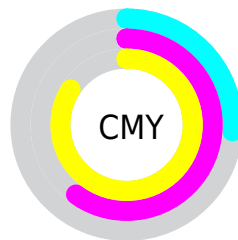
- Red (74%)
- Green (40%)
- Blue (16%)



- Red (74%)
- Yellow (56%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (26%)



- Cyan (26%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 56.440, 57.244 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 52, 56.440, 57.244 by changing the saturation by 10% instead.

■ 52, 56.440, 57.244

■ 52, 56.440, 57.244

■ 100, 56.440,
57.244

■ 42, 56.440, 57.244

■ 72, 56.440, 57.244

■ 32, 56.440, 57.244

■ 82, 56.440, 57.244

■ 22, 56.440, 57.244

■ 92, 56.440, 57.244

■ 12, 56.440, 57.244

■ 2, 56.440, 57.244

■ 0, 56.440, 57.244

■ 52, 56.440, 57.244

■ 52, 56.440, 57.244

■ 50, 63.867, 55.891

■ 55, 48.333, 58.264

■ 47, 69.803, 53.930

■ 58, 40.187, 59.175

47, 70.873, 53.639

61, 32.305, 60.081

64, 24.812, 61.017

67, 17.747, 61.987

70, 11.102, 62.980

73, 4.853, 63.956

77, 1.037, 245.476

80, 6.605, 246.162

Harmonies

Complementary

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



52, 56.440, 57.244



51, 38.937, 263.287

Rectangle

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



52, 56.440, 57.244



52, 56.440, 107.244



52, 56.440, 237.244



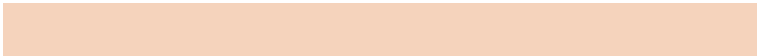
52, 56.440, 287.244

Sweetspot

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



52, 56.438, 57.247



87, 17.666, 62.465



44, 65.253, 347.488



45, 12.362, 62.107



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



52, 56.438, 57.247



62, 83.265, 54.440



70, 64.952, 97.760



38, 3.374, 63.849



40, 62.107, 54.162



5, 10.063, 49.907

Inverse Universe

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



51, 38.937, 263.287



61, 55.907, 271.412



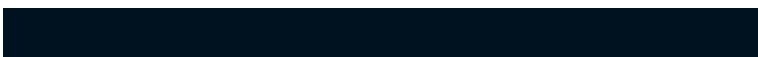
32, 81.770, 300.439



38, 3.257, 246.014



39, 41.505, 272.816



5, 10.547, 259.613

Previews

White Background



This preview shows how the CIELCh color 52, 56.440, 57.244 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 52, 56.440, 57.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

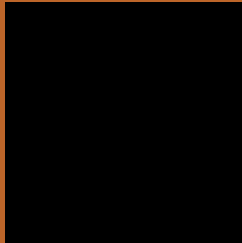
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 56.440, 57.244

Background



This preview shows how black text looks on a background with the CIELCh color 52, 56.440, 57.244.



This preview shows how white text looks on a background with the CIELCh color 52, 56.440, 57.244.

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

52, 56.440, 57.244

Protanopia

52, 43.312, 95.853

Deuteranopia

52, 49.080, 82.151



Tritanopia
52, 41.690, 20.586

Trichromacy



Original Color
52, 56.440, 57.244

Protanomaly
52, 44.848, 78.692

Deuteranomaly
52, 50.660, 72.010

Tritanomaly
52, 44.912, 37.429

Monochromacy



Original Color
52, 56.440, 57.244

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 19.465, 61.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 56.440, 57.244 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(188, 101, 41)` looks like.

```
.text, #text, p{  
    color:rgb(188, 101, 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(188, 101, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 101, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 56.440, 57.244 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(188, 101, 41) }
```

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

```
.border{ border-color:rgb(188, 101, 41) }
```

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

Here you see how a box with a 4 pixel rgb(188, 101, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 101, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 101, 41);  
box-shadow:4px 4px 4px 4px rgb(188, 101,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 56.440, 57.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 101, 41) }
```

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

```
.background{ background-color: rgb(188,  
101, 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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