

Converting Colors

CIELCh(56, 57.214, 66.156)

Have a look what the booklet for
CIELCh(56, 57.214, 66.156) contains.

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Color

CIELCh(56, 57.168, 66.224)

Conversions

Conversions Part 1

Format	Color
Hex	BF7527
RGB	191, 117, 39
RGB Percent	75%, 46%, 15%
CMY	0.2514, 0.5415, 0.8474
CMYK	0.00, 0.39, 0.80, 0.25
HSL	31°, 66%, 45%
HSV	31°, 80%, 75%
XYZ	28.1771, 23.9124, 5.0424
YIQ	130.2340, 69.1420, -8.5700

Conversions

Conversions Part 2

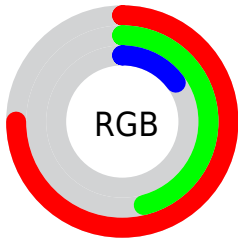
Format	Color
R_{YB}	183, 191, 39
Decimal	12547367
CIE Lab	56.00, 23.05, 52.32
CIE LCh	56, 57.168, 66.224
Yxy	23.9124, 0.4932, 0.4185
Android (android.graphics.Color)	4290737447 (0xFFBF7527)
YUV	130.2340, -44.9784, 53.2918
Hunter-Lab	48.9003, 17.2790, 28.1165

Details

The CIELCh color **56, 57.168, 66.224** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **47, 47.593, 276.603**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 57.229, 66.013**, and **36, 51.722, 62.986** is the 20% darker color. If you saturate the color by 10%, you get **54, 63.406, 64.223**, and if you desaturate by 10%, it is **58, 49.832, 67.822**.

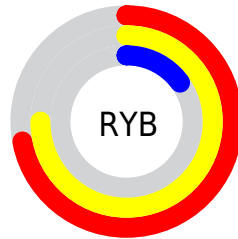
Distribution



Red (75%)

Green (46%)

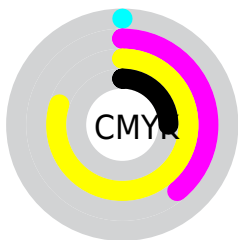
Blue (15%)



Red (72%)

Yellow (75%)

Blue (15%)

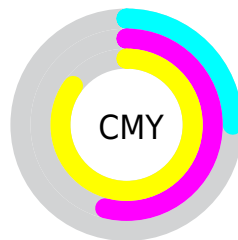


Cyan (0%)

Magenta (39%)

Yellow (80%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 57.168, 66.224 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 56, 57.168, 66.224 by changing the saturation by 10% instead.

■ 56, 57.168, 66.224

■ 56, 57.168, 66.224

■ 100, 57.168,
66.224

■ 46, 57.168, 66.224

■ 76, 57.168, 66.224

■ 36, 57.168, 66.224

■ 86, 57.168, 66.224

■ 26, 57.168, 66.224

■ 96, 57.168, 66.224

■ 16, 57.168, 66.224

■ 6, 57.168, 66.224

■ 0, 57.168, 66.224

■ 56, 57.168, 66.224

■ 56, 57.168, 66.224

■ 54, 63.406, 64.223

■ 58, 49.832, 67.822

■ 52, 68.049, 61.690

■ 61, 42.111, 69.230

52, 68.234, 61.601

63, 34.401, 70.560

66, 26.889, 71.856

69, 19.659, 73.134

72, 12.731, 74.393

75, 6.102, 75.611

77, 0.247, 258.285

80, 6.342, 258.132

Harmonies

Complementary

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



56, 57.168, 66.224



47, 47.593, 276.603

Rectangle

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



56, 57.168, 66.224



56, 57.168, 116.224



56, 57.168, 246.224



56, 57.168, 296.224

Sweetspot

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



56, 57.167, 66.227



89, 19.432, 73.796



44, 63.726, 355.002



47, 13.568, 73.340



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



56, 57.167, 66.227



67, 81.327, 62.121



75, 71.478, 103.428



38, 3.561, 75.642



43, 59.195, 62.177



6, 10.100, 61.126

Inverse Universe

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



47, 47.593, 276.603



54, 70.760, 284.448



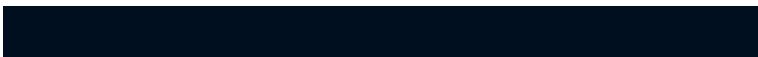
28, 93.013, 303.713



38, 3.492, 258.115



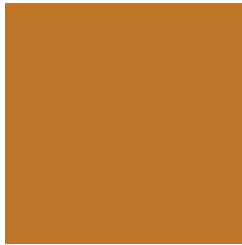
34, 51.259, 284.771



4, 11.706, 269.495

Previews

White Background



This preview shows how the CIELCh color 56, 57.168, 66.224 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 56, 57.168, 66.224 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 56, 57.168, 66.224

Background



This preview shows how black text looks on a background with the CIELCh color 56, 57.168, 66.224.



This preview shows how white text looks on a background with the CIELCh color 56, 57.168, 66.224.

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

56, 57.168, 66.224

Protanopia

56, 49.072, 95.457

Deuteranopia

56, 53.427, 82.462



Tritanopia
56, 36.502, 17.054

Trichromacy



Original Color
56, 57.168, 66.224

Protanomaly
56, 50.170, 83.190

Deuteranomaly
56, 54.376, 76.280

Tritanomaly
56, 40.279, 41.685

Monochromacy



Original Color
56, 57.168, 66.224

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 20.176, 71.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 57.168, 66.224 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(191, 117, 39)` looks like.

```
.text, #text, p{  
    color:rgb(191, 117, 39)  
}
```

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(191, 117, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 117, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 57.168, 66.224 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(191, 117, 39) }
```

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

```
.border{ border-color:rgb(191, 117, 39) }
```

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

Here you see how a box with a 4 pixel rgb(191, 117, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 117, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 117, 39);  
box-shadow:4px 4px 4px 4px rgb(191, 117,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 57.168, 66.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 117, 39) }
```

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

```
.background{ background-color: rgb(191,  
117, 39) }
```

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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