

Converting Colors

CIELCh(57, 60.412, 88.882)

Have a look what the booklet for
CIELCh(57, 60.412, 88.882) contains.

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Color

CIELCh(57, 60.603, 88.904)

Conversions

Conversions Part 1

Format	Color
Hex	A58608
RGB	165, 134, 8
RGB Percent	65%, 53%, 3%
CMY	0.3546, 0.4759, 0.9677
CMYK	0.00, 0.19, 0.95, 0.35
HSL	48°, 90%, 34%
HSV	48°, 95%, 65%
XYZ	23.9510, 24.9227, 3.7845
YIQ	128.9050, 58.9220, -32.6140

Conversions

Conversions Part 2

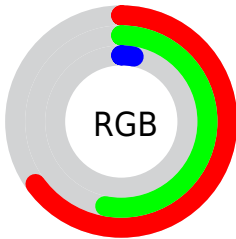
Format	Color
RYB	47, 165, 8
Decimal	10847752
CIELab	57.00, 1.16, 60.59
CIELCh	57, 60.603, 88.904
Yxy	24.9227, 0.4548, 0.4733
Android (android.graphics.Color)	4289037832 (0xFFA58608)
YUV	128.9050, -59.6062, 31.6553
Hunter-Lab	49.9226, -1.7269, 30.4512

Details

The CIELCh color **57, 60.603, 88.904** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **24, 79.909, 301.080**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 60.907, 88.998**, and **37, 45.500, 87.009** is the 20% darker color. If you saturate the color by 10%, you get **57, 61.681, 88.199**, and if you desaturate by 10%, it is **58, 57.776, 90.298**.

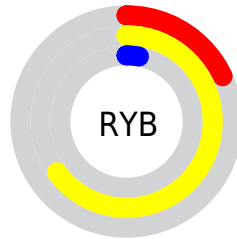
Distribution



Red (65%)

Green (53%)

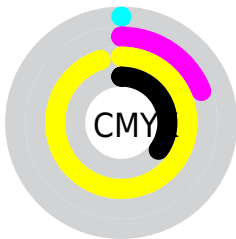
Blue (3%)



Red (18%)

Yellow (65%)

Blue (3%)

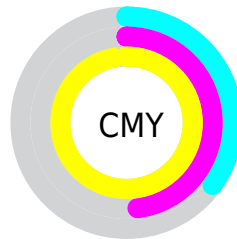


Cyan (0%)

Magenta (19%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 60.603, 88.904 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 57, 60.603, 88.904 by changing the saturation by 10% instead.

■ 57, 60.603, 88.904

■ 57, 60.603, 88.904

■ 100, 60.603,
88.904

■ 47, 60.603, 88.904

■ 77, 60.603, 88.904

■ 37, 60.603, 88.904

■ 87, 60.603, 88.904

■ 27, 60.603, 88.904

■ 97, 60.603, 88.904

■ 17, 60.603, 88.904

■ 7, 60.603, 88.904

■ 0, 60.603, 88.904

■ 57, 60.603, 88.904

■ 57, 60.603, 88.904

■ 57, 61.681, 88.199

■ 58, 57.776, 90.298

■ 59, 53.141, 91.594

■ 60, 47.218, 92.844

■ 61, 40.503, 94.075

■ 62, 33.353, 95.293

■ 63, 25.988, 96.498

■ 64, 18.541, 97.682

■ 66, 11.089, 98.838

■ 67, 3.673, 99.941

Harmonies

Complementary

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



57, 60.603, 88.904



24, 79.909, 301.080

Rectangle

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



57, 60.603, 88.904



57, 60.603, 138.904



57, 60.603, 268.904



57, 60.603, 318.904

Sweetspot

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



57, 60.602, 88.907



81, 25.757, 97.267



35, 64.267, 26.506



42, 17.757, 96.780



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 60.602, 88.907



72, 74.921, 87.884



62, 72.218, 119.349



34, 4.144, 99.481



50, 56.359, 88.373



4, 6.124, 97.515

Inverse Universe

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



24, 79.909, 301.080



31, 103.694, 302.756



23, 90.862, 308.361



32, 4.191, 281.628



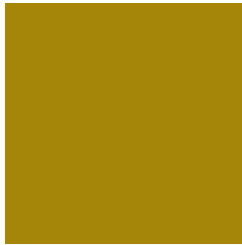
20, 75.887, 302.002



1, 6.582, 281.620

Previews

White Background



This preview shows how the CIELCh color 57, 60.603, 88.904 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 57, 60.603, 88.904 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 57, 60.603, 88.904

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.603, 88.904.

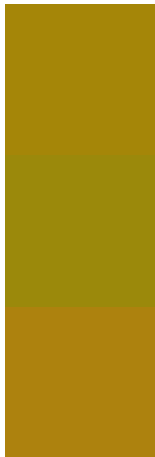


This preview shows how white text looks on a background with the CIELCh color 57, 60.603, 88.904.

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

57, 60.764, 88.921

Protanopia

57, 59.903, 94.866

Deuteranopia

57, 60.374, 83.212



Tritanopia
57, 20.262, 5.613

Trichromacy



Original Color
57, 60.764, 88.921

Protanomaly
57, 60.074, 93.017

Deuteranomaly
57, 60.352, 85.084

Tritanomaly
57, 29.777, 68.896

Monochromacy



Original Color
57, 60.764, 88.921

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 26.532, 96.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.603, 88.904 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(165, 134, 8)` looks like.

```
.text, #text, p{  
    color:rgb(165, 134, 8)  
}
```

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(165, 134, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 134, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.603, 88.904 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(165, 134, 8) }
```

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

```
.border{ border-color:rgb(165, 134, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 134, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 134, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 134, 8);  
box-shadow:4px 4px 4px 4px rgb(165, 134,  
8) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.603, 88.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 134, 8) }
```

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

```
.background{ background-color: rgb(165,  
134, 8) }
```

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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