

Converting Colors

CIELCh(59, 56.030, 66.896)

Have a look what the booklet for
CIELCh(59, 56.030, 66.896) contains.

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Color

CIELCh(59, 56.063, 66.853)

Conversions

Conversions Part 1

Format	Color
Hex	C67D30
RGB	198, 125, 48
RGB Percent	78%, 49%, 19%
CMY	0.2220, 0.5085, 0.8104
CMYK	0.00, 0.37, 0.76, 0.22
HSL	31°, 61%, 48%
HSV	31°, 76%, 78%
XYZ	31.3091, 27.0277, 6.3995
YIQ	138.0490, 68.2250, -8.4710

Conversions

Conversions Part 2

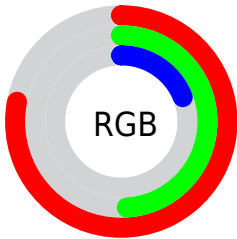
Format	Color
RYB	190, 198, 48
Decimal	13008176
CIELab	59.00, 22.04, 51.55
CIELCh	59, 56.063, 66.853
Yxy	27.0277, 0.4836, 0.4175
Android (android.graphics.Color)	4291198256 (0xFFC67D30)
YUV	138.0490, -44.3942, 52.5770
Hunter-Lab	51.9882, 16.5194, 29.0934

Details

The CIELCh color **59, 56.063, 66.853** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **50, 46.713, 275.053**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 54.831, 68.218**, and **39, 53.218, 65.491** is the 20% darker color. If you saturate the color by 10%, you get **57, 63.035, 65.037**, and if you desaturate by 10%, it is **61, 48.276, 68.365**.

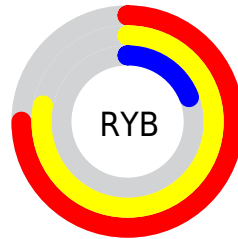
Distribution



Red (78%)

Green (49%)

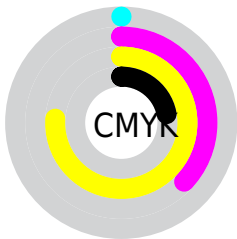
Blue (19%)



Red (75%)

Yellow (78%)

Blue (19%)

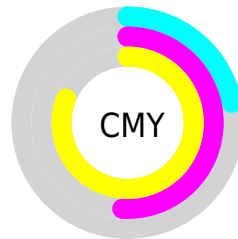


Cyan (0%)

Magenta (37%)

Yellow (76%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.063, 66.853 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 59, 56.063, 66.853 by changing the saturation by 10% instead.

■ 59, 56.063, 66.853

■ 59, 56.063, 66.853

■ 100, 56.063,
66.853

■ 49, 56.063, 66.853

■ 79, 56.063, 66.853

■ 39, 56.063, 66.853

■ 89, 56.063, 66.853

■ 29, 56.063, 66.853

■ 99, 56.063, 66.853

■ 19, 56.063, 66.853

■ 9, 56.063, 66.853

■ 0, 56.063, 66.853

■ 59, 56.063, 66.853

■ 59, 56.063, 66.853

■ 57, 63.035, 65.037

■ 61, 48.276, 68.365

■ 54, 68.277, 62.602

■ 64, 40.279, 69.738

54, 70.259, 61.488

67, 32.387, 71.055

70, 24.743, 72.347

72, 17.404, 73.621

75, 10.379, 74.871

78, 3.656, 76.049

81, 2.787, 257.486

84, 8.978, 258.575

Harmonies

Complementary

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



59, 56.063, 66.853



50, 46.713, 275.053

Rectangle

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



59, 56.063, 66.853



59, 56.063, 116.853



59, 56.063, 246.853



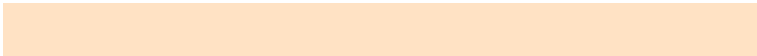
59, 56.063, 296.853

Sweetspot

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



59, 56.062, 66.856



92, 19.046, 73.910



46, 63.894, 353.995



48, 13.291, 73.447



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 56.062, 66.856



70, 80.703, 63.490



78, 71.401, 103.618



40, 3.720, 75.626



44, 60.623, 62.067



7, 12.965, 59.072

Inverse Universe

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



50, 46.713, 275.053



57, 68.687, 282.227



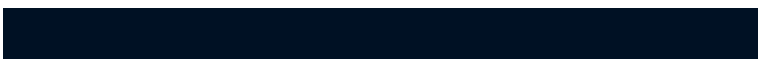
32, 91.426, 302.968



40, 3.647, 258.115



35, 52.597, 284.888



5, 14.233, 271.418

Previews

White Background



This preview shows how the CIELCh color 59, 56.063, 66.853 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 59, 56.063, 66.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

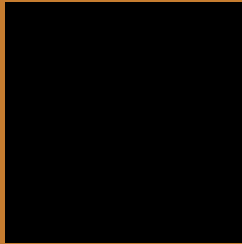
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 56.063, 66.853

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.063, 66.853.



This preview shows how white text looks on a background with the CIELCh color 59, 56.063, 66.853.

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

59, 56.063, 66.853

Protanopia

59, 48.599, 95.794

Deuteranopia

59, 52.674, 81.708



Tritanopia
59, 36.053, 15.866

Trichromacy



Original Color
59, 56.063, 66.853

Protanomaly
59, 49.627, 84.737

Deuteranomaly
59, 53.355, 75.923

Tritanomaly
59, 38.952, 41.088

Monochromacy



Original Color
59, 56.063, 66.853

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 19.913, 72.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.063, 66.853 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(198, 125, 48)` looks like.

```
.text, #text, p{  
    color:rgb(198, 125, 48)  
}
```

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(198, 125, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 125, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.063, 66.853 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(198, 125, 48) }
```

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

```
.border{ border-color:rgb(198, 125, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 125, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 125, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 125, 48);  
box-shadow:4px 4px 4px 4px rgb(198, 125,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.063, 66.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 125, 48) }
```

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

```
.background{ background-color: rgb(198,  
125, 48) }
```

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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