

Converting Colors

CIELCh(66, 67.705, 93.771)

Have a look what the booklet for
CIELCh(66, 67.705, 93.771) contains.

CIELCh(66, 67.786, 93.611)	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(66, 67.786, 93.611)

Conversions

Conversions Part 1

Format	Color
Hex	B8A00C
RGB	184, 160, 12
RGB Percent	72%, 63%, 5%
CMY	0.2787, 0.3728, 0.9535
CMYK	0.00, 0.13, 0.94, 0.28
HSL	52°, 88%, 38%
HSV	52°, 94%, 72%
XYZ	32.3722, 35.3238, 5.4546
YIQ	150.3040, 61.8120, -40.9400

Conversions

Conversions Part 2

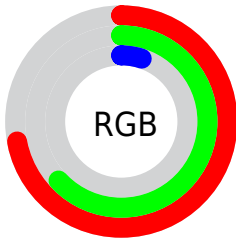
Format	Color
R _Y B	40, 184, 12
Decimal	12099596
CIE Lab	66.00, -4.27, 67.65
CIE LCh	66, 67.786, 93.611
Yxy	35.3238, 0.4425, 0.4829
Android (android.graphics.Color)	4290289676 (0xFFB8A00C)
YUV	150.3040, -68.1839, 29.5514
Hunter-Lab	59.4338, -6.7844, 36.1623

Details

The CIELCh color **66, 67.786, 93.611** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26, 91.858, 302.858**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 67.798, 93.414**, and **46, 52.562, 93.635** is the 20% darker color. If you saturate the color by 10%, you get **66, 68.979, 92.941**, and if you desaturate by 10%, it is **67, 64.664, 94.656**.

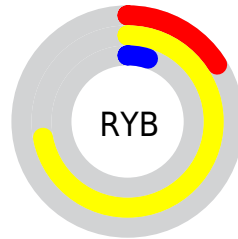
Distribution



Red (72%)

Green (63%)

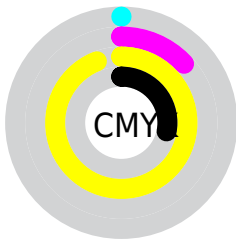
Blue (5%)



Red (16%)

Yellow (72%)

Blue (5%)

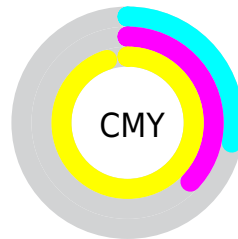


Cyan (0%)

Magenta (13%)

Yellow (94%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 67.786, 93.611 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 66, 67.786, 93.611 by changing the saturation by 10% instead.

■ 66, 67.786, 93.611

■ 66, 67.786, 93.611

■ 100, 67.786,
93.611

■ 56, 67.786, 93.611

■ 86, 67.786, 93.611

■ 46, 67.786, 93.611

■ 96, 67.786, 93.611

■ 36, 67.786, 93.611

■ 26, 67.786, 93.611

■ 16, 67.786, 93.611

■ 6, 67.786, 93.611

■ 0, 67.786, 93.611

■ 66, 67.786, 93.611

■ 66, 67.786, 93.611

■ 66, 68.979, 92.941

■ 67, 64.664, 94.656

■ 68, 59.530, 95.707

■ 68, 52.920, 96.784

■ 69, 45.361, 97.888

■ 70, 37.245, 99.009

■ 71, 28.827,
100.135

■ 72, 20.265,
101.254

■ 73, 11.652,
102.352

■ 74, 3.045, 103.400

Harmonies

Complementary

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



66, 67.786, 93.611



26, 91.858, 302.858

Rectangle

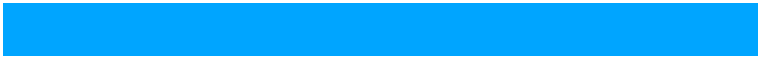
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 67.786, 93.611



66, 67.786, 143.611



66, 67.786, 273.611



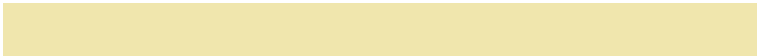
66, 67.786, 323.611

Sweetspot

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



66, 67.785, 93.613



91, 29.861, 100.706



39, 71.561, 29.913



48, 20.586, 100.225



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 67.785, 93.613



83, 84.020, 92.754



68, 79.366, 121.571



38, 4.858, 102.806



56, 61.012, 93.083



8, 12.408, 99.845

Inverse Universe

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



26, 91.858, 302.858



33, 119.613, 304.458



27, 97.471, 309.166



36, 4.932, 284.880



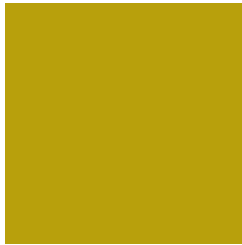
20, 84.892, 303.865



2, 13.816, 285.837

Previews

White Background



This preview shows how the CIELCh color 66, 67.786, 93.611 looks on a white background.

Color Contrast Check

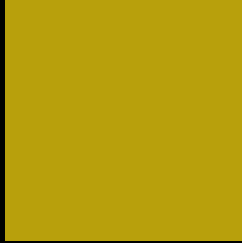
Large Text (above 18pt) WCAG AA × Fail

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 66, 67.786, 93.611 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 ✓ Pass

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

CIELCh 66, 67.786, 93.611

Background



This preview shows how black text looks on a background with the CIELCh color 66, 67.786, 93.611.

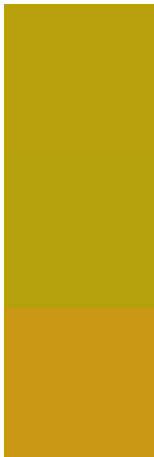


This preview shows how white text looks on a background with the CIELCh color 66, 67.786, 93.611.

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

66, 67.786, 93.611

Protanopia

66, 67.795, 95.203

Deuteranopia

66, 67.161, 82.559



Tritanopia
66, 18.221, 1.885

Trichromacy



Original Color
66, 67.786, 93.611

Protanomaly
66, 67.868, 94.817

Deuteranomaly
66, 67.212, 86.684

Tritanomaly
66, 30.826, 75.791

Monochromacy



Original Color
66, 67.786, 93.611

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 29.886, 100.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 67.786, 93.611 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(184, 160, 12)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 12)  
}
```

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(184, 160, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 67.786, 93.611 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(184, 160, 12) }
```

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

```
.border{ border-color:rgb(184, 160, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 12);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 67.786, 93.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 12) }
```

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

```
.background{ background-color: rgb(184,  
160, 12) }
```

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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