

Converting Colors

CIELCh(67, 68.776, 94.914)

Have a look what the booklet for
CIELCh(67, 68.776, 94.914) contains.

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Color

CIELCh(67, 68.648, 94.911)

Conversions

Conversions Part 1

Format	Color
Hex	B8A30C
RGB	184, 163, 12
RGB Percent	72%, 64%, 5%
CMY	0.2765, 0.3590, 0.9526
CMYK	0.00, 0.11, 0.93, 0.28
HSL	53°, 88%, 39%
HSV	53°, 93%, 72%
XYZ	33.1298, 36.6320, 5.6750
YIQ	152.0650, 60.9870, -42.5090

Conversions

Conversions Part 2

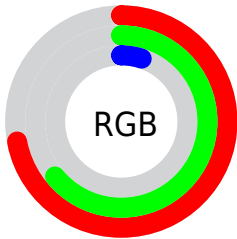
Format	Color
R _Y B	36, 184, 12
Decimal	12100364
CIE Lab	67.00, -5.88, 68.40
CIE LCh	67, 68.648, 94.911
Yxy	36.6320, 0.4392, 0.4856
Android (android.graphics.Color)	4290290444 (0xFFB8A30C)
YUV	152.0650, -69.0520, 28.0070
Hunter-Lab	60.5244, -8.2104, 36.8078

Details

The CIELCh color **67, 68.648, 94.911** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26, 93.529, 303.328**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 68.596, 95.023**, and **47, 53.311, 95.422** is the 20% darker color. If you saturate the color by 10%, you get **67, 69.854, 94.308**, and if you desaturate by 10%, it is **68, 65.511, 95.853**.

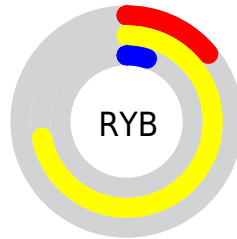
Distribution



Red (72%)

Green (64%)

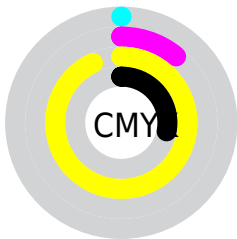
Blue (5%)



Red (14%)

Yellow (72%)

Blue (5%)

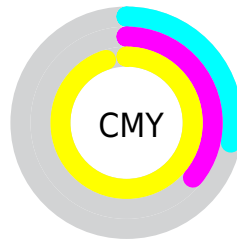


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 68.648, 94.911 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 67, 68.648, 94.911 by changing the saturation by 10% instead.

 67, 68.648, 94.911

 67, 68.648, 94.911

 100, 68.648,
94.911

 57, 68.648, 94.911

 87, 68.648, 94.911

 47, 68.648, 94.911

 97, 68.648, 94.911

 37, 68.648, 94.911

 27, 68.648, 94.911

 17, 68.648, 94.911

 7, 68.648, 94.911

 0, 68.648, 94.911

 67, 68.648, 94.911

 67, 68.648, 94.911

 67, 69.854, 94.308

 68, 65.511, 95.853

68, 60.353, 96.831

69, 53.693, 97.855

70, 46.054, 98.918

71, 37.830,
100.007

72, 29.282,
101.106

73, 20.570,
102.203

74, 11.794,
103.283

75, 3.011, 104.316

Harmonies

Complementary

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



67, 68.648, 94.911



26, 93.529, 303.328

Rectangle

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



67, 68.648, 94.911



67, 68.648, 144.911



67, 68.648, 274.911



67, 68.648, 324.911

Sweetspot

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



67, 68.647, 94.913



91, 30.367, 101.654



39, 72.432, 31.025



48, 20.928, 101.183



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 68.647, 94.913



84, 84.900, 94.151



68, 79.927, 122.285



38, 4.946, 103.718



57, 61.639, 94.431



8, 12.730, 101.229

Inverse Universe

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



26, 93.529, 303.328



32, 121.119, 304.815



27, 97.368, 309.461



36, 5.027, 285.762



19, 86.102, 304.275



1, 14.007, 286.446

Previews

White Background



This preview shows how the CIELCh color 67, 68.648, 94.911 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 67, 68.648, 94.911 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 67, 68.648, 94.911

Background



This preview shows how black text looks on a background with the CIELCh color 67, 68.648, 94.911.



This preview shows how white text looks on a background with the CIELCh color 67, 68.648, 94.911.

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

67, 68.512, 94.909

Protanopia

67, 68.762, 95.334

Deuteranopia

67, 67.884, 82.872



Tritanopia
67, 17.574, 359.174

Trichromacy



Original Color
67, 68.512, 94.909

Protanomaly
67, 68.762, 95.334

Deuteranomaly
67, 67.829, 87.312

Tritanomaly
66, 30.222, 77.260

Monochromacy



Original Color
67, 68.512, 94.909

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 30.355, 100.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 68.648, 94.911 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, 163, 12)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 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, 163, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 68.648, 94.911 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, 163, 12) }
```

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

```
.border{ border-color:rgb(184, 163, 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, 163, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 12);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 68.648, 94.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 12) }
```

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

```
.background{ background-color: rgb(184,  
163, 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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