

Converting Colors

CIELCh(68, 67.154, 95.206)

Have a look what the booklet for
CIELCh(68, 67.154, 95.206) contains.

CIELCh(68, 67.125, 95.016)	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(68, 67.125, 95.016)

Conversions

Conversions Part 1

Format	Color
Hex	BBA619
RGB	187, 166, 25
RGB Percent	73%, 65%, 10%
CMY	0.2661, 0.3485, 0.9012
CMYK	0.00, 0.11, 0.87, 0.27
HSL	52°, 76%, 42%
HSV	52°, 87%, 73%
XYZ	34.3645, 37.9720, 6.4488
YIQ	156.2050, 57.7770, -39.3990

Conversions

Conversions Part 2

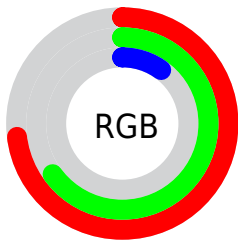
Format	Color
RYB	49, 187, 25
Decimal	12297753
CIELab	68.00, -5.87, 66.87
CIELCh	68, 67.125, 95.016
Yxy	37.9720, 0.4362, 0.4820
Android (android.graphics.Color)	4290487833 (0xFFBBA619)
YUV	156.2050, -64.6841, 27.0072
Hunter-Lab	61.6215, -8.2933, 36.9302

Details

The CIELCh color **68, 67.125, 95.016** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **29, 87.454, 301.515**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 67.383, 95.061**, and **48, 54.301, 95.594** is the 20% darker color. If you saturate the color by 10%, you get **67, 69.629, 94.035**, and if you desaturate by 10%, it is **69, 62.502, 96.019**.

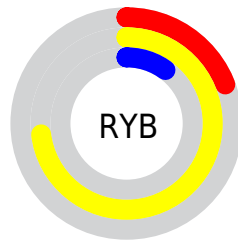
Distribution



Red (73%)

Green (65%)

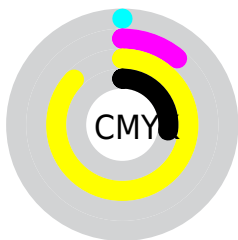
Blue (10%)



Red (19%)

Yellow (73%)

Blue (10%)

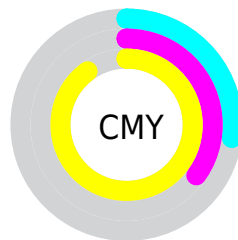


Cyan (0%)

Magenta (11%)

Yellow (87%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 67.125, 95.016 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 68, 67.125, 95.016 by changing the saturation by 10% instead.

■ 68, 67.125, 95.016

■ 68, 67.125, 95.016

■ 100, 67.125,
95.016

■ 58, 67.125, 95.016

■ 88, 67.125, 95.016

■ 48, 67.125, 95.016

■ 98, 67.125, 95.016

■ 38, 67.125, 95.016

■ 28, 67.125, 95.016

■ 18, 67.125, 95.016

■ 8, 67.125, 95.016

■ 0, 67.125, 95.016

■ 68, 67.125, 95.016

■ 68, 67.125, 95.016

■ 67, 69.629, 94.035

■ 69, 62.502, 96.019

67, 70.266, 93.697

70, 56.189, 97.056

70, 48.743, 98.129

71, 40.608, 99.228

72, 32.087,
100.339

73, 23.367,
101.450

74, 14.562,
102.546

75, 5.742, 103.611

76, 3.054, 284.715

Harmonies

Complementary

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



68, 67.125, 95.016



29, 87.454, 301.515

Rectangle

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



68, 67.125, 95.016



68, 67.125, 145.016



68, 67.125, 275.016



68, 67.125, 325.016

Sweetspot

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



68, 67.125, 95.018



92, 28.239, 101.462



40, 68.979, 27.746



49, 19.287, 101.077



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 67.125, 95.018



85, 85.179, 93.532



70, 78.146, 121.726



39, 5.019, 103.316



57, 62.088, 93.827



9, 14.238, 99.571

Inverse Universe

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



29, 87.454, 301.515



33, 121.484, 304.673



30, 94.128, 309.534



37, 5.099, 285.381



20, 86.688, 304.127



2, 15.818, 286.741

Previews

White Background



This preview shows how the CIELCh color 68, 67.125, 95.016 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 CIE LCh color 68, 67.125, 95.016 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 68, 67.125, 95.016

Background



This preview shows how black text looks on a background with the CIELCh color 68, 67.125, 95.016.



This preview shows how white text looks on a background with the CIELCh color 68, 67.125, 95.016.

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

68, 67.125, 95.016

Protanopia

68, 67.125, 95.016

Deuteranopia

68, 66.516, 82.334



Tritanopia
68, 17.514, 359.136

Trichromacy



Original Color
68, 67.125, 95.016

Protanomaly
68, 67.125, 95.016

Deuteranomaly
68, 66.151, 86.813

Tritanomaly
68, 28.431, 76.742

Monochromacy



Original Color
68, 67.125, 95.016

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 28.593, 101.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 67.125, 95.016 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(187, 166, 25)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 25)  
}
```

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(187, 166, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 67.125, 95.016 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(187, 166, 25) }
```

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

```
.border{ border-color:rgb(187, 166, 25) }
```

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

Here you see how a box with a 4 pixel rgb(187, 166, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 25);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 67.125, 95.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 25) }
```

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

```
.background{ background-color: rgb(187,  
166, 25) }
```

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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