

Converting Colors

CIELCh(67, 66.662, 98.172)

Have a look what the booklet for
CIELCh(67, 66.662, 98.172) contains.

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Color

CIELCh(67, 66.523, 98.100)

Conversions

Conversions Part 1

Format	Color
Hex	B2A519
RGB	178, 165, 25
RGB Percent	70%, 65%, 10%
CMY	0.3003, 0.3514, 0.9035
CMYK	0.00, 0.07, 0.86, 0.30
HSL	55°, 76%, 40%
HSV	55°, 86%, 70%
XYZ	32.1520, 36.6320, 6.2729
YIQ	152.9270, 52.6880, -40.7840

Conversions

Conversions Part 2

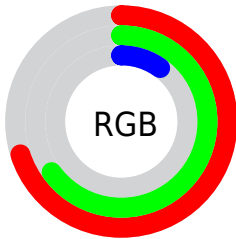
Format	Color
RYB	39, 178, 25
Decimal	11707673
CIELab	67.00, -9.37, 65.86
CIELCh	67, 66.523, 98.100
Yxy	36.6320, 0.4284, 0.4881
Android (android.graphics.Color)	4289897753 (0xFFB2A519)
YUV	152.9270, -63.0680, 21.9890
Hunter-Lab	60.5244, -11.0940, 36.2221

Details

The CIELCh color **67, 66.523, 98.100** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26, 87.789, 302.760**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 66.375, 98.289**, and **47, 53.610, 99.188** is the 20% darker color. If you saturate the color by 10%, you get **67, 69.072, 97.397**, and if you desaturate by 10%, it is **67, 61.965, 98.896**.

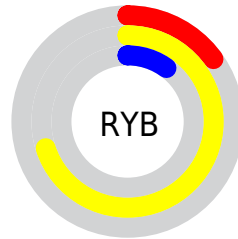
Distribution



Red (70%)

Green (65%)

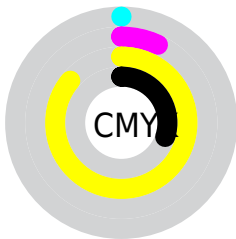
Blue (10%)



Red (15%)

Yellow (70%)

Blue (10%)

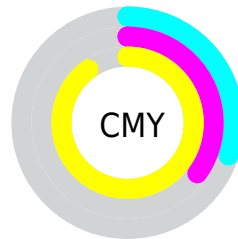


Cyan (0%)

Magenta (7%)

Yellow (86%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 66.523, 98.100 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, 66.523, 98.100 by changing the saturation by 10% instead.

■ 67, 66.523, 98.100

■ 67, 66.523, 98.100

■ 100, 66.523,
98.100

■ 57, 66.523, 98.100

■ 87, 66.523, 98.100

■ 47, 66.523, 98.100

■ 97, 66.523, 98.100

■ 37, 66.523, 98.100

■ 27, 66.523, 98.100

■ 17, 66.523, 98.100

■ 7, 66.523, 98.100

■ 0, 66.523, 98.100

■ 67, 66.523, 98.100

■ 67, 66.523, 98.100

■ 67, 69.072, 97.397

■ 67, 61.965, 98.896

66, 69.794, 97.143

68, 55.768, 99.780

69, 48.436,
100.736

69, 40.385,
101.743

70, 31.911,
102.780

71, 23.201,
103.827

71, 14.375,
104.870

72, 5.504, 105.890

73, 3.367, 286.938

Harmonies

Complementary

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



67, 66.523, 98.100



26, 87.789, 302.760

Rectangle

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



67, 66.523, 98.100



67, 66.523, 148.100



67, 66.523, 278.100



67, 66.523, 328.100

Sweetspot

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



67, 66.523, 98.102



89, 28.493, 103.803



38, 67.465, 29.809



48, 19.448, 103.444



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 66.523, 98.102



84, 84.880, 97.037



66, 75.883, 123.057



37, 5.022, 105.577



58, 62.358, 97.217



8, 11.676, 104.498

Inverse Universe

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



26, 87.789, 302.760



30, 120.730, 305.414



29, 89.977, 310.214



35, 5.113, 287.550



18, 87.231, 304.993



1, 12.452, 287.421

Previews

White Background



This preview shows how the CIELCh color 67, 66.523, 98.100 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, 66.523, 98.100 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, 66.523, 98.100

Background



This preview shows how black text looks on a background with the CIELCh color 67, 66.523, 98.100.



This preview shows how white text looks on a background with the CIELCh color 67, 66.523, 98.100.

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, 66.297, 98.106

Protanopia

67, 66.598, 95.317

Deuteranopia

67, 65.671, 82.448



Tritanopia
67, 14.675, 354.139

Trichromacy



Original Color
67, 66.297, 98.106

Protanomaly
67, 66.737, 96.531

Deuteranomaly
67, 65.494, 88.277

Tritanomaly
67, 26.442, 81.753

Monochromacy



Original Color
67, 66.297, 98.106

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 28.540, 103.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 66.523, 98.100 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(178, 165, 25)` looks like.

```
.text, #text, p{  
    color:rgb(178, 165, 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(178, 165, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 165, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 66.523, 98.100 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(178, 165, 25) }
```

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

```
.border{ border-color:rgb(178, 165, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 165, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 165, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 165, 25);  
box-shadow:4px 4px 4px 4px rgb(178, 165,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 66.523, 98.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 165, 25) }
```

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

```
.background{ background-color: rgb(178,  
165, 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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