

Converting Colors

CIELCh(66, 65.578, 97.621)

Have a look what the booklet for
CIELCh(66, 65.578, 97.621) contains.

CIELCh(66, 65.546, 97.616)	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, 65.546, 97.616)

Conversions

Conversions Part 1

Format	Color
Hex	B0A219
RGB	176, 162, 25
RGB Percent	69%, 64%, 10%
CMY	0.3082, 0.3632, 0.9036
CMYK	0.00, 0.08, 0.86, 0.31
HSL	54°, 76%, 39%
HSV	54°, 86%, 69%
XYZ	31.1590, 35.3238, 6.0722
YIQ	150.5680, 52.3210, -39.6390

Conversions

Conversions Part 2

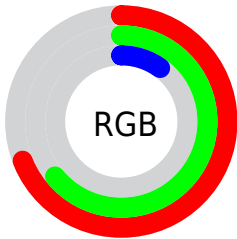
Format	Color
RYB	40, 176, 25
Decimal	11575833
CIELab	66.00, -8.69, 64.97
CIElCh	66, 65.546, 97.616
Yxy	35.3238, 0.4295, 0.4869
Android (android.graphics.Color)	4289765913 (0xFFB0A219)
YUV	150.5680, -61.9050, 22.3039
Hunter-Lab	59.4338, -10.4281, 35.5462

Details

The CIELCh color **66, 65.546, 97.616** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26, 86.199, 302.487**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 65.647, 97.836**, and **46, 52.645, 98.564** is the 20% darker color. If you saturate the color by 10%, you get **66, 68.111, 96.867**, and if you desaturate by 10%, it is **67, 60.992, 98.448**.

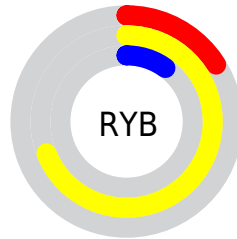
Distribution



Red (69%)

Green (64%)

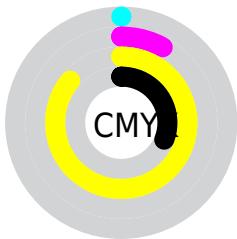
Blue (10%)



Red (16%)

Yellow (69%)

Blue (10%)

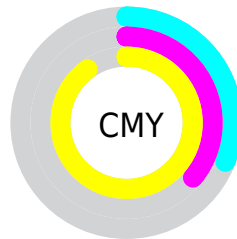


Cyan (0%)

Magenta (8%)

Yellow (86%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 65.546, 97.616 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, 65.546, 97.616 by changing the saturation by 10% instead.

66, 65.546, 97.616

66, 65.546, 97.616

100, 65.546,
97.616

56, 65.546, 97.616

86, 65.546, 97.616

46, 65.546, 97.616

96, 65.546, 97.616

36, 65.546, 97.616

26, 65.546, 97.616

16, 65.546, 97.616

6, 65.546, 97.616

0, 65.546, 97.616

66, 65.546, 97.616

66, 65.546, 97.616

66, 68.111, 96.867

67, 60.992, 98.448

65, 68.866, 96.583

67, 54.834, 99.358

68, 47.573,
100.335

68, 39.622,
101.357

69, 31.265,
102.405

70, 22.687,
103.461

71, 14.002,
104.511

71, 5.279, 105.536

72, 3.440, 286.591

Harmonies

Complementary

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



66, 65.546, 97.616



26, 86.199, 302.487

Rectangle

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



66, 65.546, 97.616



66, 65.546, 147.616



66, 65.546, 277.616



66, 65.546, 327.616

Sweetspot

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



66, 65.546, 97.618



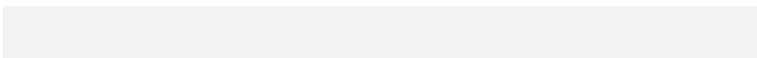
88, 28.028, 103.420



38, 66.757, 29.709



47, 18.960, 103.064



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 65.546, 97.618



83, 83.746, 96.464



66, 75.150, 123.043



37, 4.983, 105.206



57, 62.044, 96.659



8, 11.539, 103.928

Inverse Universe

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



26, 86.199, 302.487



30, 119.202, 305.291



29, 89.074, 310.214



35, 5.071, 287.191



18, 86.807, 304.855



1, 12.375, 287.151

Previews

White Background



This preview shows how the CIELCh color 66, 65.546, 97.616 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, 65.546, 97.616 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, 65.546, 97.616

Background



This preview shows how black text looks on a background with the CIELCh color 66, 65.546, 97.616.



This preview shows how white text looks on a background with the CIELCh color 66, 65.546, 97.616.

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, 65.315, 97.621

Protanopia

66, 65.579, 95.181

Deuteranopia

66, 64.492, 82.436



Tritanopia
66, 15.076, 354.891

Trichromacy



Original Color
66, 65.315, 97.621

Protanomaly
66, 65.716, 96.419

Deuteranomaly
66, 64.480, 88.003

Tritanomaly
66, 26.252, 80.410

Monochromacy



Original Color
66, 65.315, 97.621

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 27.589, 102.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 65.546, 97.616 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(176, 162, 25)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 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(176, 162, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 65.546, 97.616 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(176, 162, 25) }
```

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

```
.border{ border-color:rgb(176, 162, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 25);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 65.546, 97.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 25) }
```

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

```
.background{ background-color: rgb(176,  
162, 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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