

Converting Colors

CIELCh(61, 65.218, 89.361)

Have a look what the booklet for
CIELCh(61, 65.218, 89.361) contains.

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Color

CIELCh(61, 65.128, 89.476)

Conversions

Conversions Part 1

Format	Color
Hex	B09001
RGB	176, 144, 1
RGB Percent	69%, 56%, 0%
CMY	0.3091, 0.4347, 0.9947
CMYK	0.00, 0.18, 0.99, 0.31
HSL	49°, 98%, 35%
HSV	49°, 99%, 69%
XYZ	27.9494, 29.2481, 4.2107
YIQ	137.2660, 64.9750, -37.6890

Conversions

Conversions Part 2

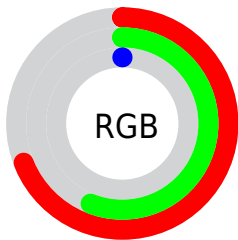
Format	Color
RYB	40, 176, 1
Decimal	11571201
CIELab	61.00, 0.60, 65.13
CIELCh	61, 65.128, 89.476
Yxy	29.2481, 0.4551, 0.4763
Android (android.graphics.Color)	4289761281 (0xFFB09001)
YUV	137.2660, -67.1791, 33.9697
Hunter-Lab	54.0815, -2.3937, 33.2409

Details

The CIELCh color **61, 65.128, 89.476** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **25, 89.410, 302.724**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 65.044, 89.162**, and **41, 48.597, 87.681** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.286, 89.377**, and if you desaturate by 10%, it is **62, 62.912, 90.816**.

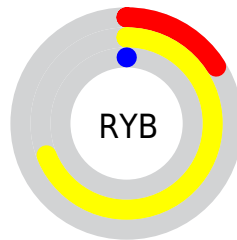
Distribution



Red (69%)

Green (56%)

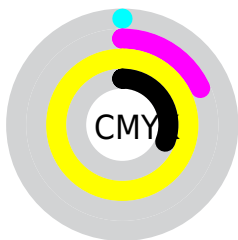
Blue (0%)



Red (16%)

Yellow (69%)

Blue (0%)

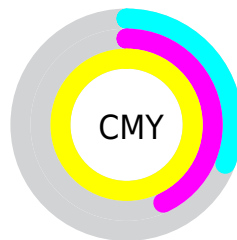


Cyan (0%)

Magenta (18%)

Yellow (99%)

Black (31%)



Cyan (31%)

Magenta (43%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 65.128, 89.476 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 61, 65.128, 89.476 by changing the saturation by 10% instead.

61, 65.128, 89.476

61, 65.128, 89.476

100, 65.128,
89.476

51, 65.128, 89.476

81, 65.128, 89.476

41, 65.128, 89.476

91, 65.128, 89.476

31, 65.128, 89.476

21, 65.128, 89.476

11, 65.128, 89.476

1, 65.128, 89.476

0, 65.128, 89.476

61, 65.128, 89.476

61, 65.128, 89.476

61, 65.286, 89.377

62, 62.912, 90.816

63, 58.888, 92.080

64, 53.197, 93.300

65, 46.411, 94.506

66, 38.980, 95.706

67, 31.205, 96.900

68, 23.272, 98.081

69, 15.288, 99.239

71, 7.315, 100.363

Harmonies

Complementary

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



61, 65.128, 89.476



25, 89.410, 302.724

Rectangle

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



61, 65.128, 89.476



61, 65.128, 139.476



61, 65.128, 269.476



61, 65.128, 319.476

Sweetspot

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



61, 65.127, 89.478



86, 29.609, 97.930



37, 70.666, 30.125



45, 20.177, 97.446



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 65.127, 89.478



78, 79.435, 89.106



66, 77.612, 120.558



37, 4.534, 100.353



53, 58.898, 89.549



7, 10.099, 96.519

Inverse Universe

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



25, 89.410, 302.724



33, 111.240, 303.302



24, 97.675, 308.578



35, 4.590, 282.500



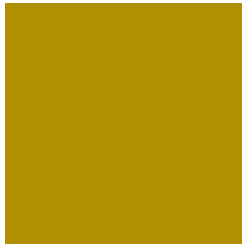
21, 80.368, 302.604



2, 11.490, 283.708

Previews

White Background



This preview shows how the CIE LCh color 61, 65.128, 89.476 looks on a white background.

Color Contrast Check

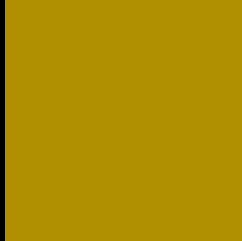
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 65.128, 89.476 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 × Fail

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

CIELCh 61, 65.128, 89.476

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.128, 89.476.

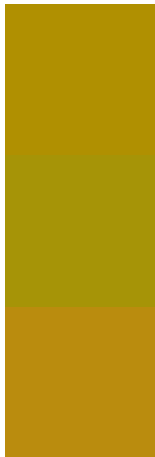


This preview shows how white text looks on a background with the CIELCh color 61, 65.128, 89.476.

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

61, 65.128, 89.476

Protanopia

61, 64.144, 95.420

Deuteranopia

61, 64.065, 83.273



Tritanopia
61, 20.777, 6.157

Trichromacy



Original Color
61, 65.128, 89.476

Protanomaly
61, 64.511, 93.307

Deuteranomaly
61, 64.449, 85.972

Tritanomaly
61, 32.645, 70.997

Monochromacy



Original Color
61, 65.128, 89.476

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 29.468, 97.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.128, 89.476 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, 144, 1)` looks like.

```
.text, #text, p{  
    color:rgb(176, 144, 1)  
}
```

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, 144, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 144, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.128, 89.476 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, 144, 1) }
```

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

```
.border{ border-color:rgb(176, 144, 1) }
```

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

Here you see how a box with a 4 pixel rgb(176, 144, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 144, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 144, 1);  
box-shadow:4px 4px 4px 4px rgb(176, 144,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.128, 89.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 144, 1) }
```

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

```
.background{ background-color: rgb(176,  
144, 1) }
```

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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