

Converting Colors

CIELCh(66, 58.216, 95.489)

Have a look what the booklet for
CIELCh(66, 58.216, 95.489) contains.

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Color

CIELCh(66, 58.200, 95.446)

Conversions

Conversions Part 1

Format	Color
Hex	B4A130
RGB	180, 161, 48
RGB Percent	71%, 63%, 19%
CMY	0.2948, 0.3693, 0.8125
CMYK	0.00, 0.11, 0.73, 0.29
HSL	51°, 58%, 45%
HSV	51°, 73%, 71%
XYZ	32.0246, 35.3238, 7.9072
YIQ	153.7990, 47.5970, -31.1150

Conversions

Conversions Part 2

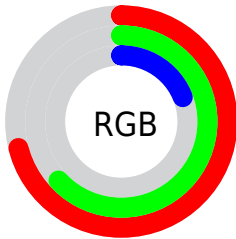
Format	Color
RYB	70, 180, 48
Decimal	11837744
CIELab	66.00, -5.52, 57.94
CIELCh	66, 58.200, 95.446
Yxy	35.3238, 0.4255, 0.4694
Android (android.graphics.Color)	4290027824 (0xFFB4A130)
YUV	153.7990, -52.1589, 22.9783
Hunter-Lab	59.4338, -7.8284, 33.7156

Details

The CIELCh color **66, 58.200, 95.446** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34, 69.898, 297.427**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 57.970, 95.118**, and **46, 52.580, 95.838** is the 20% darker color. If you saturate the color by 10%, you get **65, 63.291, 94.380**, and if you desaturate by 10%, it is **67, 51.683, 96.539**.

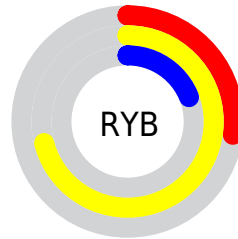
Distribution



Red (71%)

Green (63%)

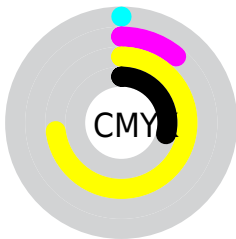
Blue (19%)



Red (27%)

Yellow (71%)

Blue (19%)

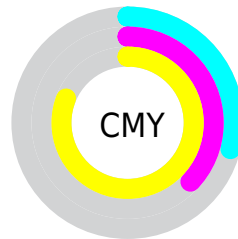


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 58.200, 95.446 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, 58.200, 95.446 by changing the saturation by 10% instead.

66, 58.200, 95.446

66, 58.200, 95.446

100, 58.200,
95.446

56, 58.200, 95.446

86, 58.200, 95.446

46, 58.200, 95.446

96, 58.200, 95.446

36, 58.200, 95.446

26, 58.200, 95.446

16, 58.200, 95.446

6, 58.200, 95.446

0, 58.200, 95.446

66, 58.200, 95.446

66, 58.200, 95.446

65, 63.291, 94.380

67, 51.683, 96.539

64, 66.424, 93.314

68, 44.257, 97.652

64, 67.670, 92.607

69, 36.300, 98.780

70, 28.058, 99.910

71, 19.681,
101.032

72, 11.260,
102.133

73, 2.847, 103.181

74, 5.527, 284.288

75, 13.846,
285.281

Harmonies

Complementary

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



66, 58.200, 95.446



34, 69.898, 297.427

Rectangle

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



66, 58.200, 95.446



66, 58.200, 145.446



66, 58.200, 275.446



66, 58.200, 325.446

Sweetspot

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



66, 58.200, 95.449



90, 22.965, 101.146



42, 57.397, 20.780



47, 15.418, 100.850



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 58.200, 95.449



83, 79.888, 93.731



68, 68.018, 120.562



37, 4.724, 102.573



55, 60.133, 92.752



7, 10.686, 99.893

Inverse Universe

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



34, 69.898, 297.427



36, 105.174, 301.726



33, 79.932, 308.728



35, 4.795, 284.648



20, 83.466, 303.725



1, 11.868, 285.264

Previews

White Background



This preview shows how the CIELCh color 66, 58.200, 95.446 looks on a white background.

Color Contrast Check

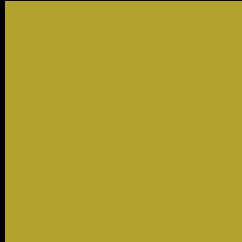
Large Text (above 18pt) WCAG AA × Fail

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 66, 58.200, 95.446 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, 58.200, 95.446

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.200, 95.446.



This preview shows how white text looks on a background with the CIELCh color 66, 58.200, 95.446.

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, 58.200, 95.446

Protanopia

66, 58.200, 95.446

Deuteranopia

66, 57.934, 81.334



Tritanopia
66, 16.523, 357.504

Trichromacy



Original Color
66, 58.200, 95.446

Protanomaly
66, 58.200, 95.446

Deuteranomaly
66, 57.414, 86.465

Tritanomaly
66, 23.385, 72.588

Monochromacy



Original Color
66, 58.200, 95.446

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 22.806, 100.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.200, 95.446 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(180, 161, 48)` looks like.

```
.text, #text, p{  
    color:rgb(180, 161, 48)  
}
```

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(180, 161, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 161, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.200, 95.446 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(180, 161, 48) }
```

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

```
.border{ border-color:rgb(180, 161, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 161, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 161, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 161, 48);  
box-shadow:4px 4px 4px 4px rgb(180, 161,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.200, 95.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 161, 48) }
```

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

```
.background{ background-color: rgb(180,  
161, 48) }
```

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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