

Converting Colors

CIELCh(66, 67.128, 74.434)

Have a look what the booklet for
CIELCh(66, 67.128, 74.434) contains.

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Color

CIELCh(66, 67.086, 74.563)

Conversions

Conversions Part 1

Format	Color
Hex	D89220
RGB	216, 146, 32
RGB Percent	85%, 57%, 13%
CMY	0.1524, 0.4269, 0.8739
CMYK	0.00, 0.32, 0.85, 0.15
HSL	37°, 74%, 49%
HSV	37°, 85%, 85%
XYZ	38.9243, 35.3238, 6.1445
YIQ	153.9340, 78.3140, -20.6140

Conversions

Conversions Part 2

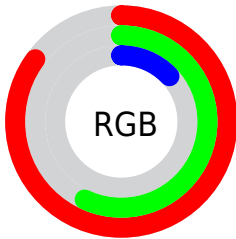
Format	Color
R_{YB}	145, 216, 32
Decimal	14193184
CIE _{Lab}	66.00, 17.86, 64.67
CIE _{LCh}	66, 67.086, 74.563
Yxy	35.3238, 0.4842, 0.4394
Android (android.graphics.Color)	4292383264 (0xFFD89220)
YUV	153.9340, -60.1135, 54.4319
Hunter-Lab	59.4338, 12.8938, 35.4741

Details

The CIELCh color **66, 67.086, 74.563** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **45, 67.754, 288.429**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 61.877, 82.323**, and **46, 57.222, 71.283** is the 20% darker color. If you saturate the color by 10%, you get **64, 71.420, 72.142**, and if you desaturate by 10%, it is **68, 60.615, 76.498**.

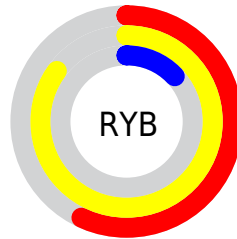
Distribution



Red (85%)

Green (57%)

Blue (13%)



Red (57%)

Yellow (85%)

Blue (13%)

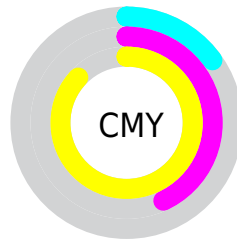


Cyan (0%)

Magenta (32%)

Yellow (85%)

Black (15%)



Cyan (15%)

Magenta (43%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 67.086, 74.563 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, 67.086, 74.563 by changing the saturation by 10% instead.

66, 67.086, 74.563

66, 67.086, 74.563

100, 67.086,
74.563

56, 67.086, 74.563

86, 67.086, 74.563

46, 67.086, 74.563

96, 67.086, 74.563

36, 67.086, 74.563

26, 67.086, 74.563

16, 67.086, 74.563

6, 67.086, 74.563

0, 67.086, 74.563

66, 67.086, 74.563

66, 67.086, 74.563

64, 71.420, 72.142

68, 60.615, 76.498

63, 72.946, 70.834

70, 52.910, 78.161

73, 44.648, 79.685

75, 36.232, 81.134

77, 27.873, 82.536

80, 19.674, 83.896

82, 11.677, 85.213

85, 3.894, 86.448

88, 3.680, 267.842

Harmonies

Complementary

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



66, 67.086, 74.563



45, 67.754, 288.429

Rectangle

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



66, 67.086, 74.563



66, 67.086, 124.563



66, 67.086, 254.563



66, 67.086, 304.563

Sweetspot

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



66, 67.085, 74.566



92, 23.322, 83.745



48, 70.835, 6.737



48, 15.884, 83.273



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 67.085, 74.566



73, 82.674, 70.498



82, 82.136, 109.584



44, 4.315, 85.936



51, 61.180, 71.405



11, 17.626, 73.399

Inverse Universe

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



45, 67.754, 288.429



47, 92.360, 294.528



31, 107.644, 305.740



42, 4.291, 268.456



31, 66.579, 293.504



5, 20.114, 281.825

Previews

White Background



This preview shows how the CIELCh color 66, 67.086, 74.563 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, 67.086, 74.563 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, 67.086, 74.563

Background



This preview shows how black text looks on a background with the CIELCh color 66, 67.086, 74.563.



This preview shows how white text looks on a background with the CIELCh color 66, 67.086, 74.563.

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, 67.086, 74.563

Protanopia

66, 62.369, 95.125

Deuteranopia

66, 65.755, 82.284



Tritanopia
66, 35.152, 14.370

Trichromacy



Original Color
66, 67.086, 74.563

Protanomaly
66, 62.933, 87.390

Deuteranomaly
66, 66.026, 79.385

Tritanomaly
66, 41.214, 49.421

Monochromacy



Original Color
66, 67.086, 74.563

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 25.472, 81.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 67.086, 74.563 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(216, 146, 32)` looks like.

```
.text, #text, p{  
    color:rgb(216, 146, 32)  
}
```

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(216, 146, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 146, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 67.086, 74.563 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(216, 146, 32) }
```

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

```
.border{ border-color:rgb(216, 146, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 146, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 146, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 146, 32);  
box-shadow:4px 4px 4px 4px rgb(216, 146,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 67.086, 74.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 146, 32) }
```

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

```
.background{ background-color: rgb(216,  
146, 32) }
```

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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