

Converting Colors

CIELCh(65, 72.050, 74.171)

Have a look what the booklet for
CIELCh(65, 72.050, 74.171) contains.

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Color

CIELCh(65, 71.979, 74.208)

Conversions

Conversions Part 1

Format	Color
Hex	D88E06
RGB	216, 142, 6
RGB Percent	85%, 56%, 2%
CMY	0.1521, 0.4424, 0.9747
CMYK	0.00, 0.34, 0.97, 0.15
HSL	39°, 94%, 44%
HSV	39°, 97%, 85%
XYZ	38.1191, 34.0472, 4.7474
YIQ	148.6220, 87.7600, -26.6080

Conversions

Conversions Part 2

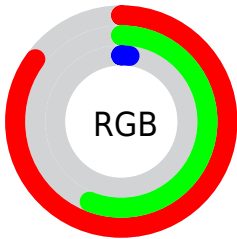
Format	Color
RYB	120, 216, 6
Decimal	14192134
CIELab	65.00, 19.59, 69.26
CIElCh	65, 71.979, 74.208
Yxy	34.0472, 0.4956, 0.4427
Android (android.graphics.Color)	4292382214 (0xFFD88E06)
YUV	148.6220, -70.3126, 59.0905
Hunter-Lab	58.3500, 14.4987, 36.0211

Details

The CIELCh color **65, 71.979, 74.208** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **39, 81.869, 294.834**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 66.795, 81.742**, and **45, 57.103, 69.299** is the 20% darker color. If you saturate the color by 10%, you get **64, 72.838, 73.454**, and if you desaturate by 10%, it is **67, 68.376, 76.639**.

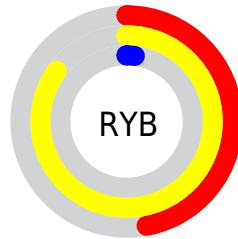
Distribution



Red (85%)

Green (56%)

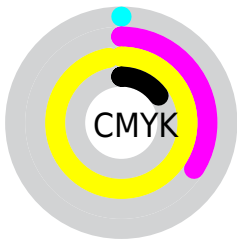
Blue (2%)



Red (47%)

Yellow (85%)

Blue (2%)

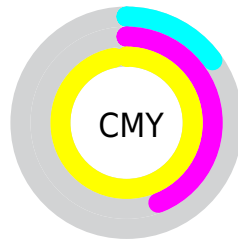


Cyan (0%)

Magenta (34%)

Yellow (97%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 71.979, 74.208 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 65, 71.979, 74.208 by changing the saturation by 10% instead.

65, 71.979, 74.208

65, 71.979, 74.208

100, 71.979,
74.208

55, 71.979, 74.208

85, 71.979, 74.208

45, 71.979, 74.208

95, 71.979, 74.208

35, 71.979, 74.208

25, 71.979, 74.208

15, 71.979, 74.208

5, 71.979, 74.208

0, 71.979, 74.208

65, 71.979, 74.208

65, 71.979, 74.208

64, 72.838, 73.454

67, 68.376, 76.639

69, 62.477, 78.597

71, 55.090, 80.278

73, 46.951, 81.812

75, 38.525, 83.267

78, 30.067, 84.672

80, 21.709, 86.034

82, 13.513, 87.353

85, 5.502, 88.607

Harmonies

Complementary

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



65, 71.979, 74.208



39, 81.869, 294.834

Rectangle

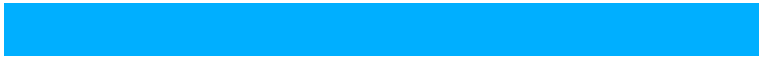
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 71.979, 74.208



65, 71.979, 124.208



65, 71.979, 254.208



65, 71.979, 304.208

Sweetspot

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



65, 71.977, 74.211



92, 26.706, 85.731



46, 74.734, 13.973



48, 18.411, 85.145



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 71.977, 74.211



75, 82.505, 73.140



82, 86.013, 110.868



44, 4.429, 88.316



52, 61.107, 73.988



12, 17.918, 76.495

Inverse Universe

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



39, 81.869, 294.834



45, 96.770, 296.220



28, 115.803, 306.614



42, 4.419, 270.807



30, 69.771, 295.249



5, 20.748, 283.303

Previews

White Background



This preview shows how the CIELCh color 65, 71.979, 74.208 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 65, 71.979, 74.208 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 65, 71.979, 74.208

Background



This preview shows how black text looks on a background with the CIELCh color 65, 71.979, 74.208.



This preview shows how white text looks on a background with the CIELCh color 65, 71.979, 74.208.

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

65, 71.979, 74.208

Protanopia

65, 66.442, 95.503

Deuteranopia

65, 69.788, 83.291



Tritanopia
65, 36.950, 15.083

Trichromacy



Original Color
65, 71.979, 74.208

Protanomaly
65, 67.139, 87.354

Deuteranomaly
65, 70.404, 79.800

Tritanomaly
65, 45.910, 52.479

Monochromacy



Original Color
65, 71.979, 74.208

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 30.167, 84.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 71.979, 74.208 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, 142, 6)` looks like.

```
.text, #text, p{  
    color:rgb(216, 142, 6)  
}
```

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, 142, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 142, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 71.979, 74.208 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, 142, 6) }
```

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

```
.border{ border-color:rgb(216, 142, 6) }
```

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

Here you see how a box with a 4 pixel rgb(216, 142, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 142, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 142, 6);  
box-shadow:4px 4px 4px 4px rgb(216, 142,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 71.979, 74.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 142, 6) }
```

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

```
.background{ background-color: rgb(216,  
142, 6) }
```

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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