

Converting Colors

CIELCh(65, 72.365, 75.773)

Have a look what the booklet for
CIELCh(65, 72.365, 75.773) contains.

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Color

CIELCh(65, 72.303, 75.485)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D68F01 |
| RGB | 214, 143, 1 |
| RGB Percent | 84%, 56%, 0% |
| CMY | 0.1598, 0.4383, 0.9980 |
| CMYK | 0.00, 0.33, 1.00, 0.16 |
| HSL | 40°, 100%, 42% |
| HSV | 40°, 100%, 84% |
| XYZ | 37.6658, 34.0472, 4.6007 |
| YIQ | 148.0410, 87.8980, -29.1100 |

Conversions

Conversions Part 2

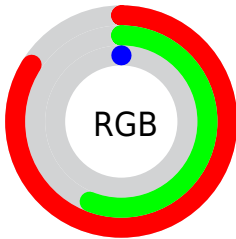
| Format | Color |
|-------------------------------------|--|
| RYB | 108, 214, 1 |
| Decimal | 14061313 |
| CIELab | 65.00, 18.12, 70.00 |
| CIELCh | 65, 72.303, 75.485 |
| Yxy | 34.0472, 0.4936, 0.4461 |
| Android (android.graphics.Color) | 4292251393 (0xFFD68F01) |
| YUV | 148.0410, -72.4912, 57.8460 |
| Hunter-Lab | 58.3500, 13.1122, 36.1702 |

Details

The CIELCh color **65, 72.303, 75.485** 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 **37, 86.586, 296.941**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 67.351, 82.296**, and **45, 56.452, 70.647** is the 20% darker color. If you saturate the color by 10%, you get **65, 72.367, 75.431**, and if you desaturate by 10%, it is **67, 69.353, 77.896**.

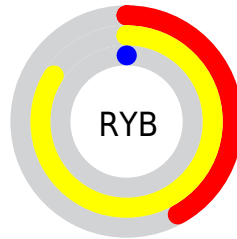
Distribution



Red (84%)

Green (56%)

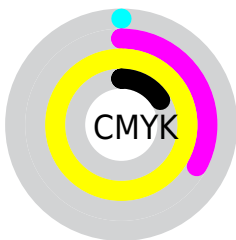
Blue (0%)



Red (42%)

Yellow (84%)

Blue (0%)

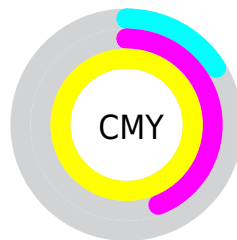


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 72.303, 75.485 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, 72.303, 75.485 by changing the saturation by 10% instead.

 65, 72.303, 75.485

 65, 72.303, 75.485

 100, 72.303,
75.485

 55, 72.303, 75.485

 85, 72.303, 75.485

 45, 72.303, 75.485

 95, 72.303, 75.485

 35, 72.303, 75.485

 25, 72.303, 75.485

 15, 72.303, 75.485

 5, 72.303, 75.485

 0, 72.303, 75.485

 65, 72.303, 75.485

 65, 72.303, 75.485

 65, 72.367, 75.431

 67, 69.353, 77.896

69, 64.223, 79.899

71, 57.321, 81.604

72, 49.436, 83.149

75, 41.108, 84.608

77, 32.649, 86.013

79, 24.227, 87.375

81, 15.925, 88.696

83, 7.781, 89.963

Harmonies

Complementary

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



65, 72.303, 75.485



37, 86.586, 296.941

Rectangle

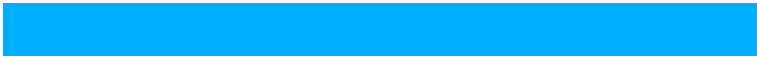
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 72.303, 75.485



65, 72.303, 125.485



65, 72.303, 255.485



65, 72.303, 305.485

Sweetspot

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



65, 72.301, 75.488



92, 28.136, 87.304



45, 75.901, 18.531



48, 19.271, 86.728



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, 72.301, 75.488



76, 82.514, 75.118



81, 86.546, 112.924



44, 4.519, 90.006



53, 61.149, 75.918



12, 18.170, 78.726

Inverse Universe

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



37, 86.586, 296.941



44, 100.021, 297.376



27, 116.004, 306.935



42, 4.519, 272.469



29, 72.136, 296.444



5, 21.205, 284.295

Previews

White Background



This preview shows how the CIELCh color 65, 72.303, 75.485 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 65, 72.303, 75.485 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, 72.303, 75.485

Background



This preview shows how black text looks on a background with the CIELCh color 65, 72.303, 75.485.



This preview shows how white text looks on a background with the CIELCh color 65, 72.303, 75.485.

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, 72.167, 75.449

Protanopia

65, 66.775, 95.504

Deuteranopia

65, 69.788, 83.291



Tritanopia
65, 35.689, 14.610

Trichromacy



Original Color
65, 72.167, 75.449

Protanomaly
65, 67.558, 87.795

Deuteranomaly
65, 70.546, 80.650

Tritanomaly
65, 45.788, 54.688

Monochromacy



Original Color
65, 72.167, 75.449

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 31.222, 85.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 72.303, 75.485 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(214, 143, 1)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 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(214, 143, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 72.303, 75.485 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(214, 143, 1) }
```

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

```
.border{ border-color:rgb(214, 143, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 1);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 72.303, 75.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 1) }
```

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

```
.background{ background-color: rgb(214,  
143, 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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