

Converting Colors

CIELCh(65, 71.443, 77.024)

Have a look what the booklet for
CIELCh(65, 71.443, 77.024) contains.

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Color

CIELCh(65, 71.384, 77.252)

Conversions

Conversions Part 1

Format	Color
Hex	D39102
RGB	211, 145, 2
RGB Percent	83%, 57%, 1%
CMY	0.1731, 0.4318, 0.9932
CMYK	0.00, 0.31, 0.99, 0.17
HSL	41°, 98%, 42%
HSV	41°, 99%, 83%
XYZ	36.9414, 34.0472, 4.6745
YIQ	148.4320, 85.2390, -30.4810

Conversions

Conversions Part 2

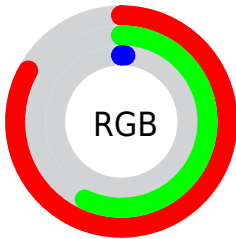
Format	Color
RYB	98, 211, 2
Decimal	13865218
CIELab	65.00, 15.75, 69.62
CIELCh	65, 71.384, 77.252
Yxy	34.0472, 0.4882, 0.4500
Android (android.graphics.Color)	4292055298 (0xFFD39102)
YUV	148.4320, -72.1910, 54.8721
Hunter-Lab	58.3500, 10.8961, 36.0951

Details

The CIELCh color **65, 71.384, 77.252** 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 **36, 87.170, 297.619**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 67.707, 83.219**, and **45, 55.817, 72.649** is the 20% darker color. If you saturate the color by 10%, you get **65, 71.599, 77.064**, and if you desaturate by 10%, it is **67, 68.511, 79.549**.

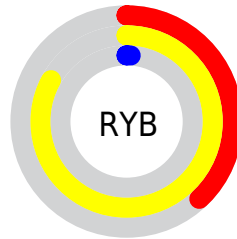
Distribution



Red (83%)

Green (57%)

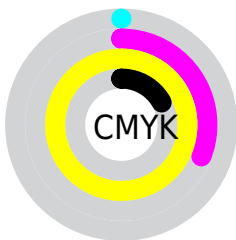
Blue (1%)



Red (38%)

Yellow (83%)

Blue (1%)

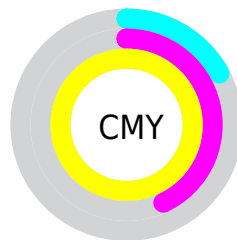


Cyan (0%)

Magenta (31%)

Yellow (99%)

Black (17%)



Cyan (17%)

Magenta (43%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 71.384, 77.252 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, 71.384, 77.252 by changing the saturation by 10% instead.

■ 65, 71.384, 77.252

■ 65, 71.384, 77.252

■ 100, 71.384,
77.252

■ 55, 71.384, 77.252

■ 85, 71.384, 77.252

■ 45, 71.384, 77.252

■ 95, 71.384, 77.252

■ 35, 71.384, 77.252

■ 25, 71.384, 77.252

■ 15, 71.384, 77.252

■ 5, 71.384, 77.252

■ 0, 71.384, 77.252

■ 65, 71.384, 77.252

■ 65, 71.384, 77.252

■ 65, 71.599, 77.064

■ 67, 68.511, 79.549

68, 63.429, 81.466

70, 56.610, 83.122

72, 48.813, 84.637

74, 40.560, 86.075

76, 32.156, 87.463

78, 23.768, 88.810

80, 15.480, 90.116

82, 7.331, 91.368

Harmonies

Complementary

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



65, 71.384, 77.252



36, 87.170, 297.619

Rectangle

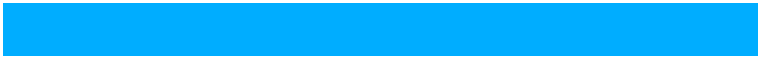
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 71.384, 77.252



65, 71.384, 127.252



65, 71.384, 257.252



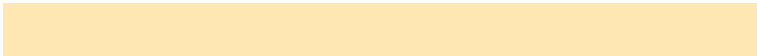
65, 71.384, 307.252

Sweetspot

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



65, 71.382, 77.255



92, 28.545, 88.657



45, 75.285, 19.708



48, 19.541, 88.085



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, 71.382, 77.255



77, 82.608, 76.737



79, 85.685, 113.819



43, 4.505, 91.340



53, 60.570, 77.530



11, 17.024, 80.576

Inverse Universe

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



36, 87.170, 297.619



43, 102.647, 298.258



27, 114.095, 307.043



41, 4.513, 273.771



28, 73.148, 297.318



4, 20.045, 283.920

Previews

White Background



This preview shows how the CIELCh color 65, 71.384, 77.252 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, 71.384, 77.252 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, 71.384, 77.252

Background



This preview shows how black text looks on a background with the CIELCh color 65, 71.384, 77.252.



This preview shows how white text looks on a background with the CIELCh color 65, 71.384, 77.252.

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



Trichromacy



Original Color
65, 71.384, 77.252

Protanomaly
65, 67.465, 88.623

Tritanomaly
65, 43.752, 56.219

Monochromacy



Original Color
65, 71.384, 77.252

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 30.839, 86.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 71.384, 77.252 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(211, 145, 2)` looks like.

```
.text, #text, p{  
    color:rgb(211, 145, 2)  
}
```

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(211, 145, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 145, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 71.384, 77.252 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(211, 145, 2) }
```

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

```
.border{ border-color:rgb(211, 145, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 145, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 145, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 145, 2);  
box-shadow:4px 4px 4px 4px rgb(211, 145,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 71.384, 77.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 145, 2) }
```

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

```
.background{ background-color: rgb(211,  
145, 2) }
```

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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