

Converting Colors

CIELCh(65, 68.359, 74.588)

Have a look what the booklet for
CIELCh(65, 68.359, 74.588) contains.

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Color

CIELCh(65, 68.465, 74.383)

Conversions

Conversions Part 1

Format	Color
Hex	D68F18
RGB	214, 143, 24
RGB Percent	84%, 56%, 9%
CMY	0.1604, 0.4389, 0.9054
CMYK	0.00, 0.33, 0.89, 0.16
HSL	38°, 80%, 47%
HSV	38°, 89%, 84%
XYZ	37.7612, 34.0472, 5.4524
YIQ	150.6630, 80.5150, -21.9570

Conversions

Conversions Part 2

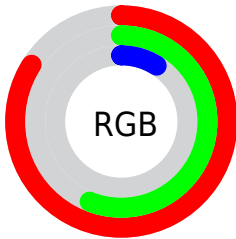
Format	Color
RYB	137, 214, 24
Decimal	14061336
CIELab	65.00, 18.43, 65.94
CIElCh	65, 68.465, 74.383
Yxy	34.0472, 0.4887, 0.4407
Android (android.graphics.Color)	4292251416 (0xFFD68F18)
YUV	150.6630, -62.4449, 55.5465
Hunter-Lab	58.3500, 13.4038, 35.3048

Details

The CIELCh color **65, 68.465, 74.383** 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 **43, 71.138, 290.300**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 63.795, 81.452**, and **45, 56.452, 70.647** is the 20% darker color. If you saturate the color by 10%, you get **63, 71.970, 71.819**, and if you desaturate by 10%, it is **67, 62.758, 76.451**.

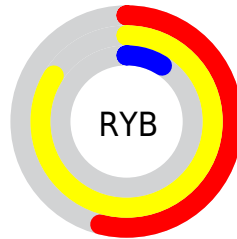
Distribution



Red (84%)

Green (56%)

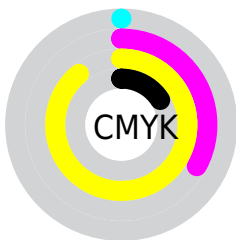
Blue (9%)



Red (54%)

Yellow (84%)

Blue (9%)

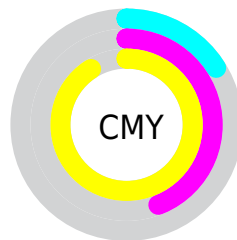


Cyan (0%)

Magenta (33%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 68.465, 74.383 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, 68.465, 74.383 by changing the saturation by 10% instead.

65, 68.465, 74.383

65, 68.465, 74.383

100, 68.465,
74.383

55, 68.465, 74.383

85, 68.465, 74.383

45, 68.465, 74.383

95, 68.465, 74.383

35, 68.465, 74.383

25, 68.465, 74.383

15, 68.465, 74.383

5, 68.465, 74.383

0, 68.465, 74.383

65, 68.465, 74.383

65, 68.465, 74.383

63, 71.970, 71.819

67, 62.758, 76.451

63, 72.378, 71.493

69, 55.498, 78.186

71, 47.457, 79.747

74, 39.129, 81.218

76, 30.784, 82.634

78, 22.557, 84.008

81, 14.512, 85.339

83, 6.670, 86.614

86, 0.968, 268.205

Harmonies

Complementary

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



65, 68.465, 74.383



43, 71.138, 290.300

Rectangle

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



65, 68.465, 74.383



65, 68.465, 124.383



65, 68.465, 254.383



65, 68.465, 304.383

Sweetspot

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



65, 68.464, 74.386



92, 24.384, 84.205



47, 71.618, 8.289



48, 16.503, 83.738



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, 68.464, 74.386



74, 82.613, 71.141



82, 82.971, 109.631



44, 4.342, 86.529



51, 61.149, 72.034



11, 17.692, 74.165

Inverse Universe

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



43, 71.138, 290.300



46, 93.441, 294.957



30, 109.983, 306.067



42, 4.322, 269.043



31, 67.359, 293.946



5, 20.271, 282.203

Previews

White Background



This preview shows how the CIELCh color 65, 68.465, 74.383 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, 68.465, 74.383 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, 68.465, 74.383

Background



This preview shows how black text looks on a background with the CIELCh color 65, 68.465, 74.383.



This preview shows how white text looks on a background with the CIELCh color 65, 68.465, 74.383.

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, 68.465, 74.383

Protanopia

65, 63.581, 95.478

Deuteranopia

65, 67.161, 82.834



Tritanopia
65, 35.689, 14.610

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 68.465, 74.383 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 68.465, 74.383 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, 24) }
```

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

```
.border{ border-color:rgb(214, 143, 24) }
```

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, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 24);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 68.465, 74.383 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, 24) }
```

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

```
.background{ background-color: rgb(214,  
143, 24) }
```

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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