

Converting Colors

CIELCh(65, 58.135, 74.880)

Have a look what the booklet for
CIELCh(65, 58.135, 74.880) contains.

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Color

CIELCh(65, 58.421, 75.044)

Conversions

Conversions Part 1

Format	Color
Hex	D09234
RGB	208, 146, 52
RGB Percent	82%, 57%, 20%
CMY	0.1859, 0.4288, 0.7975
CMYK	0.00, 0.30, 0.75, 0.19
HSL	36°, 62%, 51%
HSV	36°, 75%, 81%
XYZ	36.7369, 34.0472, 7.8424
YIQ	153.8220, 67.1260, -16.0900

Conversions

Conversions Part 2

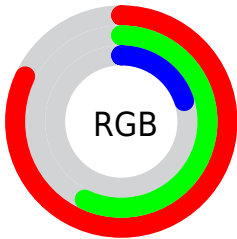
Format	Color
RYB	155, 208, 52
Decimal	13668916
CIELab	65.00, 15.08, 56.44
CIELCh	65, 58.421, 75.044
Yxy	34.0472, 0.4672, 0.4330
Android (android.graphics.Color)	4291858996 (0xFFD09234)
YUV	153.8220, -50.1982, 47.5141
Hunter-Lab	58.3500, 10.2704, 32.8763

Details

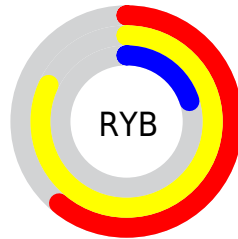
The CIELCh color **65, 58.421, 75.044** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **49, 55.812, 283.241**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 55.428, 80.420**, and **45, 55.258, 74.091** is the 20% darker color. If you saturate the color by 10%, you get **63, 64.851, 73.115**, and if you desaturate by 10%, it is **67, 50.866, 76.703**.

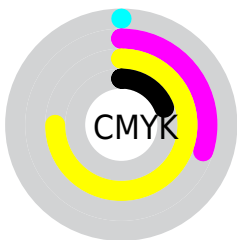
Distribution



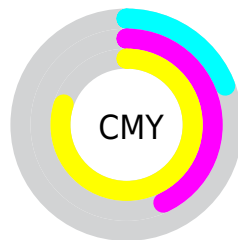
- Red (82%)
- Green (57%)
- Blue (20%)



- Red (61%)
- Yellow (82%)
- Blue (20%)



- Cyan (0%)
- Magenta (30%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 58.421, 75.044 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, 58.421, 75.044 by changing the saturation by 10% instead.

 65, 58.421, 75.044

 65, 58.421, 75.044

 100, 58.421,
75.044

 55, 58.421, 75.044

 85, 58.421, 75.044

 45, 58.421, 75.044

 95, 58.421, 75.044

 35, 58.421, 75.044

 25, 58.421, 75.044

 15, 58.421, 75.044

 5, 58.421, 75.044

 0, 58.421, 75.044

 65, 58.421, 75.044

 65, 58.421, 75.044

 63, 64.851, 73.115

 67, 50.866, 76.703

61, 69.277, 70.672

69, 42.835, 78.218

60, 70.916, 69.367

72, 34.700, 79.660

74, 26.654, 81.055

77, 18.789, 82.411

79, 11.139, 83.725

82, 3.712, 84.956

85, 3.501, 266.361

87, 10.513,
267.498

Harmonies

Complementary

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



65, 58.421, 75.044



49, 55.812, 283.241

Rectangle

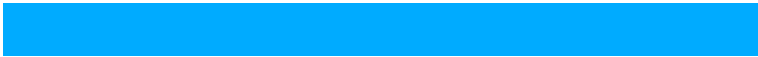
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 58.421, 75.044



65, 58.421, 125.044



65, 58.421, 255.044



65, 58.421, 305.044

Sweetspot

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



65, 58.420, 75.047



93, 20.269, 82.657



48, 64.088, 1.601



49, 14.106, 82.169



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, 58.420, 75.047



75, 79.149, 71.741



80, 74.018, 108.824



43, 4.166, 84.447



49, 60.612, 69.907



10, 16.126, 71.291

Inverse Universe

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



49, 55.812, 283.241



52, 80.027, 289.466



34, 93.586, 304.197



41, 4.135, 266.972



31, 63.869, 292.325



5, 18.417, 279.762

Previews

White Background



This preview shows how the CIELCh color 65, 58.421, 75.044 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, 58.421, 75.044 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, 58.421, 75.044

Background



This preview shows how black text looks on a background with the CIELCh color 65, 58.421, 75.044.



This preview shows how white text looks on a background with the CIELCh color 65, 58.421, 75.044.

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, 58.421, 75.044

Protanopia

65, 54.253, 95.169

Deuteranopia

65, 57.373, 81.526



Tritanopia
65, 31.932, 12.079

Trichromacy



Original Color
65, 58.421, 75.044

Protanomaly
65, 54.825, 87.837

Deuteranomaly
65, 57.336, 79.039

Tritanomaly
65, 35.699, 47.170

Monochromacy



Original Color
65, 58.421, 75.044

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 21.380, 80.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 58.421, 75.044 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(208, 146, 52)` looks like.

```
.text, #text, p{  
    color:rgb(208, 146, 52)  
}
```

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(208, 146, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 146, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 58.421, 75.044 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(208, 146, 52) }
```

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

```
.border{ border-color:rgb(208, 146, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 146, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 146, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 146, 52);  
box-shadow:4px 4px 4px 4px rgb(208, 146,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 58.421, 75.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 146, 52) }
```

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

```
.background{ background-color: rgb(208,  
146, 52) }
```

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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