

Converting Colors

CIELCh(63, 65.288, 67.394)

Have a look what the booklet for
CIELCh(63, 65.288, 67.394) contains.

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Color

CIELCh(63, 65.143, 67.420)

Conversions

Conversions Part 1

Format	Color
Hex	D88526
RGB	216, 133, 38
RGB Percent	85%, 52%, 15%
CMY	0.1522, 0.4778, 0.8503
CMYK	0.00, 0.38, 0.82, 0.15
HSL	32°, 70%, 50%
HSV	32°, 82%, 85%
XYZ	37.1363, 31.5869, 5.9882
YIQ	146.9870, 79.9630, -11.9490

Conversions

Conversions Part 2

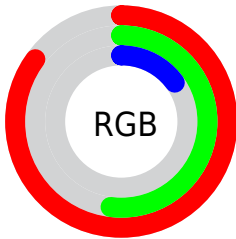
Format	Color
RYB	194, 216, 38
Decimal	14189862
CIELab	63.00, 25.01, 60.15
CIElCh	63, 65.143, 67.420
Yxy	31.5869, 0.4971, 0.4228
Android (android.graphics.Color)	4292379942 (0xFFD88526)
YUV	146.9870, -53.7306, 60.5244
Hunter-Lab	56.2022, 19.5921, 33.0244

Details

The CIELCh color **63, 65.143, 67.420** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **51, 56.393, 280.050**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 58.451, 74.398**, and **43, 57.887, 64.135** is the 20% darker color. If you saturate the color by 10%, you get **61, 71.136, 65.139**, and if you desaturate by 10%, it is **65, 57.517, 69.195**.

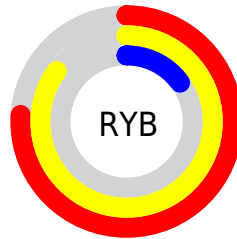
Distribution



Red (85%)

Green (52%)

Blue (15%)



Red (76%)

Yellow (85%)

Blue (15%)

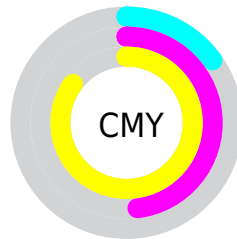


Cyan (0%)

Magenta (38%)

Yellow (82%)

Black (15%)



Cyan (15%)

Magenta (48%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 65.143, 67.420 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 63, 65.143, 67.420 by changing the saturation by 10% instead.

63, 65.143, 67.420

63, 65.143, 67.420

100, 65.143,
67.420

53, 65.143, 67.420

83, 65.143, 67.420

43, 65.143, 67.420

93, 65.143, 67.420

33, 65.143, 67.420

23, 65.143, 67.420

13, 65.143, 67.420

3, 65.143, 67.420

0, 65.143, 67.420

63, 65.143, 67.420

63, 65.143, 67.420

61, 71.136, 65.139

65, 57.517, 69.195

59, 74.436, 63.014

68, 49.173, 70.716

71, 40.669, 72.125

74, 32.291, 73.482

77, 24.169, 74.811

80, 16.351, 76.115

83, 8.846, 77.383

86, 1.638, 78.460

89, 5.295, 259.970

Harmonies

Complementary

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



63, 65.143, 67.420



51, 56.393, 280.050

Rectangle

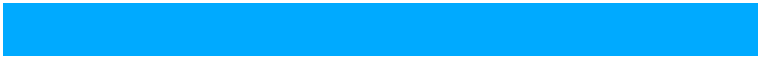
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63, 65.143, 67.420



63, 65.143, 117.420



63, 65.143, 247.420



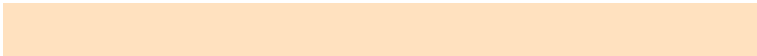
63, 65.143, 297.420

Sweetspot

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



63, 65.142, 67.423



91, 21.048, 75.740



49, 70.598, 358.655



47, 14.467, 75.278



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 65.142, 67.423



69, 84.008, 62.924



83, 80.302, 105.103



44, 4.013, 77.741



47, 62.300, 63.662



10, 17.089, 63.294

Inverse Universe

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



51, 56.393, 280.050



53, 77.941, 287.689



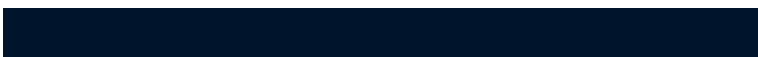
32, 105.612, 304.591



43, 3.946, 260.272



35, 56.832, 286.926



6, 18.033, 275.920

Previews

White Background



This preview shows how the CIELCh color 63, 65.143, 67.420 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 63, 65.143, 67.420 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 63, 65.143, 67.420

Background



This preview shows how black text looks on a background with the CIELCh color 63, 65.143, 67.420.



This preview shows how white text looks on a background with the CIELCh color 63, 65.143, 67.420.

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

63, 65.143, 67.420

Protanopia

63, 56.935, 95.071

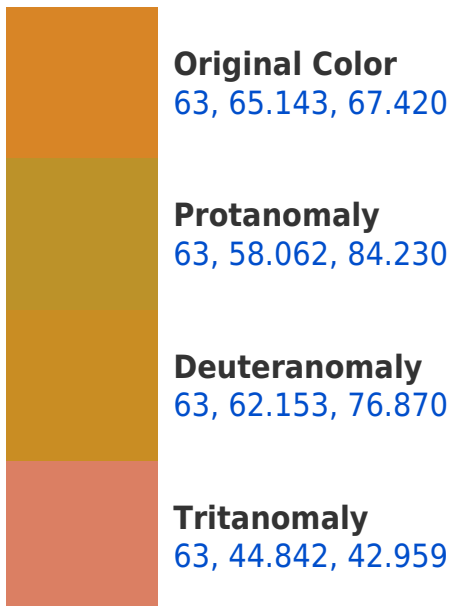
Deuteranopia

63, 61.467, 82.207



Tritanopia
63, 40.231, 17.098

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 65.143, 67.420 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, 133, 38)` looks like.

```
.text, #text, p{  
    color:rgb(216, 133, 38)  
}
```

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, 133, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 133, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 65.143, 67.420 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, 133, 38) }
```

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

```
.border{ border-color:rgb(216, 133, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 133, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 133, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 133, 38);  
box-shadow:4px 4px 4px 4px rgb(216, 133,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 65.143, 67.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 133, 38) }
```

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

```
.background{ background-color: rgb(216,  
133, 38) }
```

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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