

Converting Colors

CIELCh(61, 67.561, 69.427)

Have a look what the booklet for
CIELCh(61, 67.561, 69.427) contains.

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Color

CIELCh(61, 67.710, 69.441)

Conversions

Conversions Part 1

Format	Color
Hex	D18115
RGB	209, 129, 21
RGB Percent	82%, 51%, 8%
CMY	0.1810, 0.4946, 0.9184
CMYK	0.00, 0.38, 0.90, 0.18
HSL	34°, 82%, 45%
HSV	34°, 90%, 82%
XYZ	34.2126, 29.2481, 4.5417
YIQ	140.6080, 82.3480, -16.6280

Conversions

Conversions Part 2

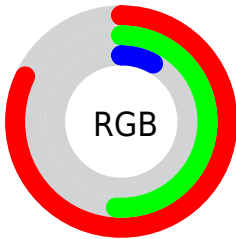
Format	Color
RYB	160, 209, 21
Decimal	13730069
CIELab	61.00, 23.78, 63.40
CIElCh	61, 67.710, 69.441
Yxy	29.2481, 0.5031, 0.4301
Android (android.graphics.Color)	4291920149 (0xFFD18115)
YUV	140.6080, -58.9667, 59.9798
Hunter-Lab	54.0815, 18.2784, 32.8780

Details

The CIELCh color **61, 67.710, 69.441** 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 **44, 64.718, 286.871**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 63.338, 74.357**, and **41, 55.959, 64.145** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.630, 66.764**, and if you desaturate by 10%, it is **63, 61.842, 71.608**.

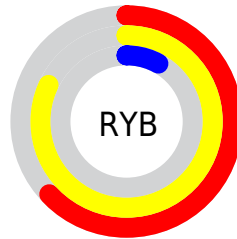
Distribution



Red (82%)

Green (51%)

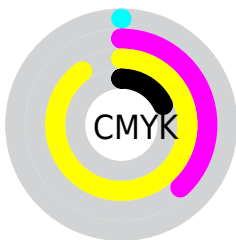
Blue (8%)



Red (63%)

Yellow (82%)

Blue (8%)

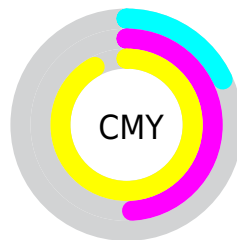


Cyan (0%)

Magenta (38%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (49%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 67.710, 69.441 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 61, 67.710, 69.441 by changing the saturation by 10% instead.

 61, 67.710, 69.441

 61, 67.710, 69.441

 100, 67.710,
69.441

 51, 67.710, 69.441

 81, 67.710, 69.441

 41, 67.710, 69.441

 91, 67.710, 69.441

 31, 67.710, 69.441

 21, 67.710, 69.441

 11, 67.710, 69.441

 1, 67.710, 69.441

 0, 67.710, 69.441

 61, 67.710, 69.441

 61, 67.710, 69.441

 59, 71.630, 66.764

 63, 61.842, 71.608

65, 54.509, 73.366

68, 46.506, 74.919

70, 38.321, 76.372

73, 30.209, 77.772

76, 22.291, 79.136

78, 14.616, 80.464

81, 7.195, 81.743

84, 0.021, 67.770

Harmonies

Complementary

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



61, 67.710, 69.441



44, 64.718, 286.871

Rectangle

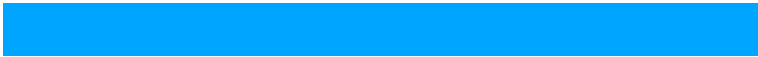
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 67.710, 69.441



61, 67.710, 119.441



61, 67.710, 249.441



61, 67.710, 299.441

Sweetspot

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



61, 67.708, 69.444



91, 23.450, 79.502



46, 70.703, 4.326



48, 15.895, 79.038



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 67.708, 69.444



71, 83.373, 66.318



80, 81.397, 106.854



43, 4.065, 81.821



48, 60.914, 67.344



10, 15.928, 67.891

Inverse Universe

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



44, 64.718, 286.871



50, 85.226, 291.420



28, 109.317, 305.783



42, 4.020, 264.358



33, 60.692, 290.263



5, 17.824, 277.976

Previews

White Background



This preview shows how the CIELCh color 61, 67.710, 69.441 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 67.710, 69.441 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 67.710, 69.441

Background



This preview shows how black text looks on a background with the CIELCh color 61, 67.710, 69.441.



This preview shows how white text looks on a background with the CIELCh color 61, 67.710, 69.441.

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

61, 67.710, 69.441

Protanopia

61, 60.413, 95.388

Deuteranopia

61, 65.770, 83.168



Tritanopia
61, 39.204, 16.864

Trichromacy



Original Color
61, 67.710, 69.441

Protanomaly
61, 61.347, 84.999

Deuteranomaly
61, 66.181, 78.070

Tritanomaly
61, 45.496, 46.267

Monochromacy



Original Color
61, 67.710, 69.441

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 25.669, 77.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 67.710, 69.441 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(209, 129, 21)` looks like.

```
.text, #text, p{  
    color:rgb(209, 129, 21)  
}
```

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(209, 129, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 129, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 67.710, 69.441 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(209, 129, 21) }
```

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

```
.border{ border-color:rgb(209, 129, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 129, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 129, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 129, 21);  
box-shadow:4px 4px 4px 4px rgb(209, 129,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 67.710, 69.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 129, 21) }
```

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

```
.background{ background-color: rgb(209,  
129, 21) }
```

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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