

Converting Colors

CIELCh(61, 65.795, 67.837)

Have a look what the booklet for
CIELCh(61, 65.795, 67.837) contains.

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Color

CIELCh(61, 65.784, 67.725)

Conversions

Conversions Part 1

Format	Color
Hex	D2801E
RGB	210, 128, 30
RGB Percent	82%, 50%, 12%
CMY	0.1763, 0.4979, 0.8822
CMYK	0.00, 0.39, 0.86, 0.18
HSL	33°, 75%, 47%
HSV	33°, 86%, 82%
XYZ	34.5478, 29.2481, 5.0555
YIQ	141.3460, 80.3300, -13.0940

Conversions

Conversions Part 2

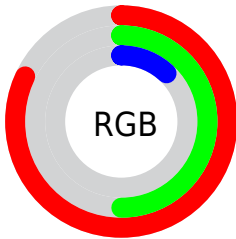
Format	Color
R _Y B	181, 210, 30
Decimal	13795358
CIE Lab	61.00, 24.94, 60.87
CIE LCh	61, 65.784, 67.725
Yxy	29.2481, 0.5018, 0.4248
Android (android.graphics.Color)	4291985438 (0xFFD2801E)
YUV	141.3460, -54.8936, 60.2096
Hunter-Lab	54.0815, 19.3847, 32.3147

Details

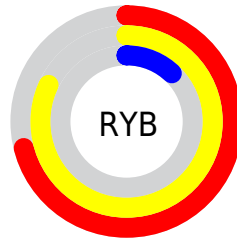
The CIELCh color **61, 65.784, 67.725** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **48, 58.478, 282.428**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 60.829, 72.865**, and **41, 56.427, 63.243** is the 20% darker color. If you saturate the color by 10%, you get **59, 70.784, 65.201**, and if you desaturate by 10%, it is **63, 58.843, 69.648**.

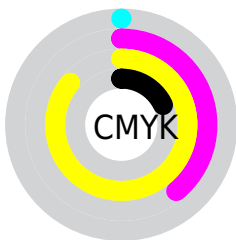
Distribution



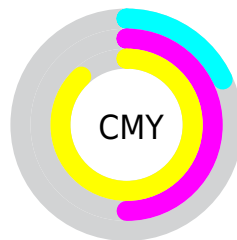
- Red (82%)
- Green (50%)
- Blue (12%)



- Red (71%)
- Yellow (82%)
- Blue (12%)



- Cyan (0%)
- Magenta (39%)
- Yellow (86%)
- Black (18%)



- Cyan (18%)
- Magenta (50%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 65.784, 67.725 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, 65.784, 67.725 by changing the saturation by 10% instead.

61, 65.784, 67.725

61, 65.784, 67.725

100, 65.784,
67.725

51, 65.784, 67.725

81, 65.784, 67.725

41, 65.784, 67.725

91, 65.784, 67.725

31, 65.784, 67.725

21, 65.784, 67.725

11, 65.784, 67.725

1, 65.784, 67.725

0, 65.784, 67.725

61, 65.784, 67.725

61, 65.784, 67.725

59, 70.784, 65.201

63, 58.843, 69.648

58, 72.557, 64.033

66, 50.915, 71.252

68, 42.656, 72.708

71, 34.424, 74.095

74, 26.390, 75.447

77, 18.626, 76.770

80, 11.154, 78.061

83, 3.966, 79.278

86, 2.955, 260.719

Harmonies

Complementary

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



61, 65.784, 67.725



48, 58.478, 282.428

Rectangle

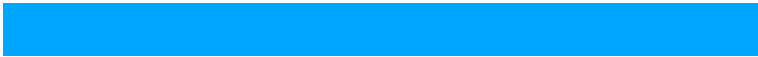
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 65.784, 67.725



61, 65.784, 117.725



61, 65.784, 247.725



61, 65.784, 297.725

Sweetspot

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



61, 65.782, 67.728



91, 22.085, 76.692



47, 70.177, 359.756



47, 15.075, 76.231



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, 65.782, 67.728



69, 84.128, 63.587



81, 80.026, 105.022



43, 3.967, 78.844



47, 61.392, 64.649



9, 15.784, 64.154

Inverse Universe

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



48, 58.478, 282.428



52, 80.458, 289.025



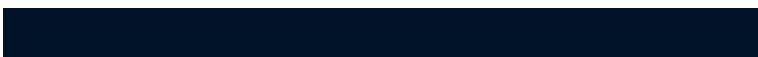
29, 106.494, 305.062



42, 3.906, 261.375



34, 57.323, 287.811



6, 17.172, 275.798

Previews

White Background



This preview shows how the CIELCh color 61, 65.784, 67.725 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, 65.784, 67.725 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, 65.784, 67.725

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.784, 67.725.



This preview shows how white text looks on a background with the CIELCh color 61, 65.784, 67.725.

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, 65.784, 67.725

Protanopia

61, 57.725, 95.337

Deuteranopia

61, 62.408, 82.955



Tritanopia
61, 40.079, 17.159

Trichromacy



Original Color
61, 65.784, 67.725

Protanomaly
61, 58.773, 84.527

Deuteranomaly
61, 63.168, 77.250

Tritanomaly
61, 45.445, 44.283

Monochromacy



Original Color
61, 65.784, 67.725

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 23.958, 74.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.784, 67.725 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(210, 128, 30)` looks like.

```
.text, #text, p{  
    color:rgb(210, 128, 30)  
}
```

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(210, 128, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 128, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.784, 67.725 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(210, 128, 30) }
```

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

```
.border{ border-color:rgb(210, 128, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 128, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 128, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 128, 30);  
box-shadow:4px 4px 4px 4px rgb(210, 128,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.784, 67.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 128, 30) }
```

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

```
.background{ background-color: rgb(210,  
128, 30) }
```

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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