

Converting Colors

CIELCh(61, 60.754, 65.840)

Have a look what the booklet for
CIELCh(61, 60.754, 65.840) contains.

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Color

CIELCh(61, 60.690, 65.701)

Conversions

Conversions Part 1

Format	Color
Hex	D1802D
RGB	209, 128, 45
RGB Percent	82%, 50%, 18%
CMY	0.1797, 0.4974, 0.8229
CMYK	0.00, 0.39, 0.78, 0.18
HSL	30°, 64%, 50%
HSV	30°, 78%, 82%
XYZ	34.5589, 29.2481, 6.3220
YIQ	142.7570, 74.9190, -8.6410

Conversions

Conversions Part 2

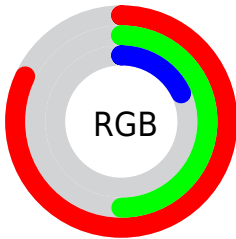
Format	Color
R _Y B	205, 209, 45
Decimal	13729837
CIE Lab	61.00, 24.97, 55.31
CIE LCh	61, 60.690, 65.701
Yxy	29.2481, 0.4928, 0.4171
Android (android.graphics.Color)	4291919917 (0xFFD1802D)
YUV	142.7570, -48.1942, 58.0951
Hunter-Lab	54.0815, 19.4214, 30.9263

Details

The CIELCh color **61, 60.690, 65.701** 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 **52, 49.888, 275.544**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 55.869, 70.503**, and **41, 56.427, 63.243** is the 20% darker color. If you saturate the color by 10%, you get **59, 67.604, 63.750**, and if you desaturate by 10%, it is **64, 52.677, 67.264**.

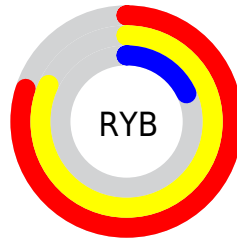
Distribution



Red (82%)

Green (50%)

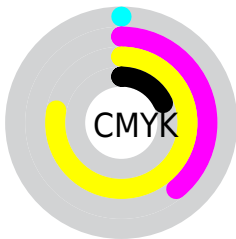
Blue (18%)



Red (80%)

Yellow (82%)

Blue (18%)

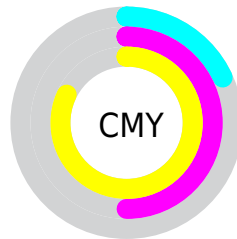


Cyan (0%)

Magenta (39%)

Yellow (78%)

Black (18%)



Cyan (18%)

Magenta (50%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 60.690, 65.701 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, 60.690, 65.701 by changing the saturation by 10% instead.

61, 60.690, 65.701

61, 60.690, 65.701

100, 60.690,
65.701

51, 60.690, 65.701

81, 60.690, 65.701

41, 60.690, 65.701

91, 60.690, 65.701

31, 60.690, 65.701

21, 60.690, 65.701

11, 60.690, 65.701

1, 60.690, 65.701

0, 60.690, 65.701

61, 60.690, 65.701

61, 60.690, 65.701

59, 67.604, 63.750

64, 52.677, 67.264

56, 72.596, 61.148

66, 44.315, 68.649

56, 73.356, 60.751

69, 36.006, 69.963

72, 27.940, 71.249

75, 20.194, 72.519

78, 12.786, 73.771

81, 5.708, 74.978

84, 1.063, 256.616

88, 7.556, 257.497

Harmonies

Complementary

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



61, 60.690, 65.701



52, 49.888, 275.544

Rectangle

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



61, 60.690, 65.701



61, 60.690, 115.701



61, 60.690, 245.701



61, 60.690, 295.701

Sweetspot

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



61, 60.689, 65.704



91, 19.840, 73.040



48, 67.917, 354.801



47, 13.745, 72.587



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, 60.689, 65.704



69, 82.545, 62.058



82, 76.123, 103.462



42, 3.858, 74.863



45, 62.210, 61.373



9, 15.705, 59.373

Inverse Universe

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



52, 49.888, 275.544



56, 70.002, 282.900



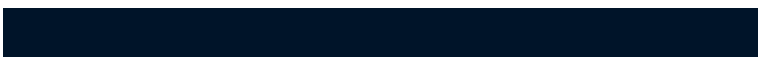
32, 98.756, 303.574



42, 3.778, 257.355



36, 53.178, 284.321



6, 16.337, 272.599

Previews

White Background



This preview shows how the CIELCh color 61, 60.690, 65.701 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, 60.690, 65.701 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, 60.690, 65.701

Background



This preview shows how black text looks on a background with the CIELCh color 61, 60.690, 65.701.



This preview shows how white text looks on a background with the CIELCh color 61, 60.690, 65.701.

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, 60.690, 65.701

Protanopia

61, 52.050, 95.639

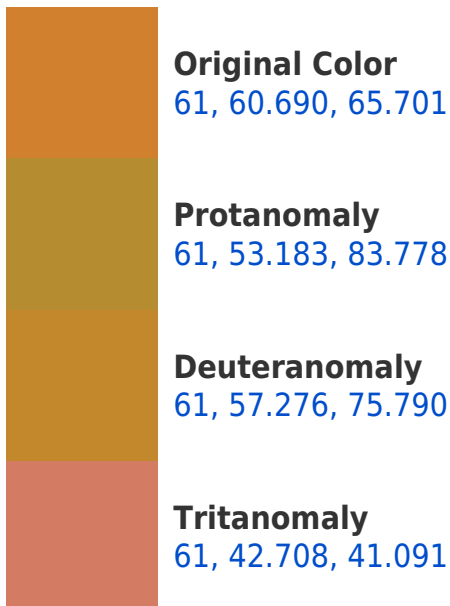
Deuteranopia

61, 56.453, 82.068



Tritanopia
61, 39.204, 16.864

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 60.690, 65.701 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, 128, 45)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 45)  
}
```

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, 128, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 60.690, 65.701 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, 128, 45) }
```

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

```
.border{ border-color:rgb(209, 128, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 128, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 45);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 60.690, 65.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 45) }
```

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

```
.background{ background-color: rgb(209,  
128, 45) }
```

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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