

Converting Colors

CIELCh(61, 17.061, 113.912)

Have a look what the booklet for
CIELCh(61, 17.061, 113.912)
contains.

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Color

CIELCh(61, 16.815, 113.913)

Conversions

Conversions Part 1

Format	Color
Hex	929678
RGB	146, 150, 120
RGB Percent	57%, 59%, 47%
CMY	0.4277, 0.4120, 0.5297
CMYK	0.03, 0.00, 0.20, 0.41
HSL	68°, 12%, 53%
HSV	68°, 20%, 59%
XYZ	26.1217, 29.2481, 22.0156
YIQ	145.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

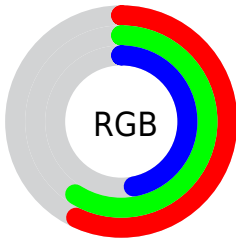
Format	Color
RYB	120, 150, 124
Decimal	9606776
CIELab	61.00, -6.82, 15.37
CIELCh	61, 16.815, 113.913
Yxy	29.2481, 0.3376, 0.3780
Android (android.graphics.Color)	4287796856 (0xFF929678)
YUV	145.3840, -12.5143, 0.5402
Hunter-Lab	54.0815, -8.4261, 13.7212

Details

The CIELCh color $61, 16.815, 113.913$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 17.567, 297.120$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.955, 113.869$, and $41, 16.865, 113.782$ is the 20% darker color. If you saturate the color by 10%, you get $61, 25.091, 113.163$, and if you desaturate by 10%, it is $62, 8.433, 114.671$.

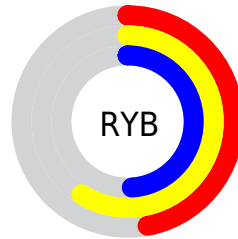
Distribution



Red (57%)

Green (59%)

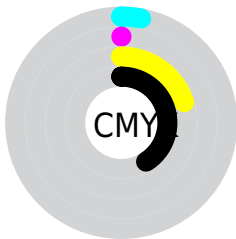
Blue (47%)



Red (47%)

Yellow (59%)

Blue (49%)

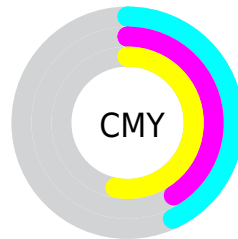


Cyan (3%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (43%)


Magenta (41%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.815, 113.913 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, 16.815, 113.913 by changing the saturation by 10% instead.


 61, 16.815,
113.913


 61, 16.815,
113.913


 100, 16.815,
113.913


 51, 16.815,
113.913


 81, 16.815,
113.913

 41, 16.815,
113.913


 91, 16.815,
113.913

 31, 16.815,
113.913

 21, 16.815,
113.913

 11, 16.815,
113.913

 1, 16.815, 113.913

 0, 16.815, 113.913

■ 61, 16.815,
113.913

■ 61, 16.815,
113.913

■ 61, 25.091,
113.163

■ 62, 8.433, 114.671

■ 62, 0.000, 42.230

■ 60, 33.170,
112.431

■ 63, 8.444, 296.133

■ 60, 40.921,
111.748

■ 63, 16.869,
296.821

■ 59, 48.148,
111.156

■ 64, 25.257,
297.475

■ 59, 54.570,
110.709

■ 65, 33.591,
298.094

■ 59, 59.827,
110.474

■ 66, 41.859,
298.677

■ 59, 63.558,
110.523

■ 66, 50.052,
299.222

■ 59, 65.989,

110.809

■ 67, 58.163,
299.732

Harmonies

Complementary

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



61, 16.815, 113.913



52, 17.567, 297.120

Rectangle

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



61, 16.815, 113.913



61, 16.815, 163.913



61, 16.815, 293.913



61, 16.815, 343.913

Sweetspot

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



61, 16.816, 113.917



78, 6.232, 114.961



54, 11.088, 32.370



41, 4.122, 114.919



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 16.816, 113.917



77, 24.816, 113.580



60, 18.525, 132.730



31, 4.707, 114.732



54, 62.010, 110.752



3, 4.135, 115.413

Inverse Universe

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



52, 17.567, 297.120



63, 26.201, 297.573



53, 18.872, 314.411



29, 4.805, 296.136



15, 83.790, 306.913



0, 4.136, 295.413

Previews

White Background



This preview shows how the CIELCh color 61, 16.815, 113.913 looks on a white background.

Color Contrast Check

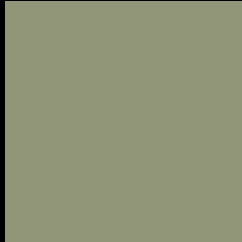
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.815, 113.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

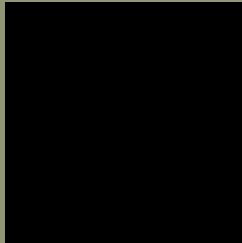
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

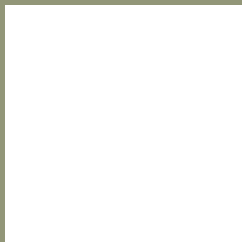
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 16.815, 113.913

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.815, 113.913.



This preview shows how white text looks on a background with the CIELCh color 61, 16.815, 113.913.

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, 16.815, 113.913

Protanopia

61, 16.649, 95.249

Deuteranopia

61, 16.331, 60.620



Tritanopia
61, 6.636, 310.918

Trichromacy



Original Color
61, 16.815, 113.913

Protanomaly
61, 16.280, 102.472

Deuteranomaly
61, 14.775, 79.917

Tritanomaly
61, 2.365, 90.562

Monochromacy



Original Color
61, 16.815, 113.913

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.231, 116.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.815, 113.913 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(146, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 120)  
}
```

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(146, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.815, 113.913 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(146, 150, 120) }
```

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

```
.border{ border-color:rgb(146, 150, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.815, 113.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 120) }
```

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

```
.background{ background-color: rgb(146,  
150, 120) }
```

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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