

Converting Colors

CIELCh(61, 0.710, 143.124)

Have a look what the booklet for
CIELCh(61, 0.710, 143.124) contains.

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Color

CIELCh(61, 0.680, 144.707)

Conversions

Conversions Part 1

Format	Color
Hex	929392
RGB	146, 147, 146
RGB Percent	57%, 58%, 57%
CMY	0.4257, 0.4218, 0.4257
CMYK	0.01, 0.00, 0.01, 0.42
HSL	120°, 0%, 58%
HSV	120°, 1%, 58%
XYZ	27.6602, 29.2481, 31.5644
YIQ	146.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

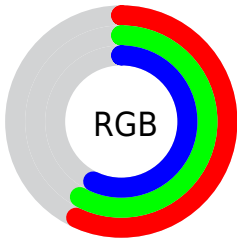
Format	Color
R _Y B	146, 147, 147
Decimal	9606034
CIE Lab	61.00, -0.56, 0.39
CIE LCh	61, 0.680, 144.707
Yxy	29.2481, 0.3126, 0.3306
Android (android.graphics.Color)	4287796114 (0xFF929392)
YUV	146.5870, -0.2894, -0.5148
Hunter-Lab	54.0815, -3.3481, 3.2528

Details

The CIELCh color $61, 0.680, 144.707$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 0.695, 324.183$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 0.640, 144.819$, and $41, 0.735, 144.596$ is the 20% darker color. If you saturate the color by 10%, you get $59, 10.885, 143.845$, and if you desaturate by 10%, it is $63, 9.346, 324.876$.

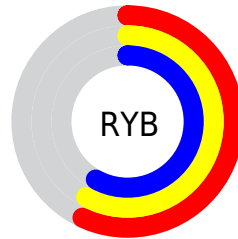
Distribution



Red (57%)

Green (58%)

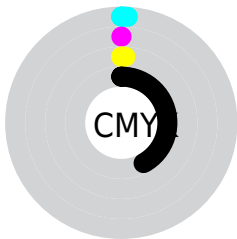
Blue (57%)



Red (57%)

Yellow (58%)

Blue (58%)

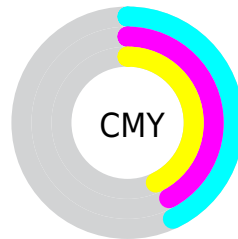


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 0.680, 144.707 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, 0.680, 144.707 by changing the saturation by 10% instead.

■ 61, 0.680, 144.707

■ 61, 0.680, 144.707

100, 0.680,
144.707

■ 51, 0.680, 144.707

■ 81, 0.680, 144.707

■ 41, 0.680, 144.707

■ 91, 0.680, 144.707

■ 31, 0.680, 144.707

■ 21, 0.680, 144.707

■ 11, 0.680, 144.707

■ 1, 0.680, 144.707

■ 0, 0.680, 144.707

■ 61, 0.680, 144.707

■ 61, 0.680, 144.707

■ 59, 10.885,

■ 63, 9.346, 324.876

143.845

64, 19.133,
325.306

58, 21.163,
143.154

66, 28.638,
325.664

57, 31.377,
142.358

68, 37.839,
325.968

56, 41.339,
141.445

70, 46.729,
326.227

55, 50.809,
140.425

73, 55.311,
326.448

54, 59.489,
139.330

75, 63.593,
326.639

54, 67.024,
138.230

76, 66.521,
326.700

53, 73.022,
137.240

53, 77.128,
136.496

Harmonies

Complementary

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



61, 0.680, 144.707



61, 0.695, 324.183

Rectangle

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



61, 0.680, 144.707



61, 0.680, 194.707



61, 0.680, 324.707



61, 0.680, 14.707

Sweetspot

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



61, 0.682, 144.708



77, 0.009, 296.813



61, 0.556, 110.023



41, 0.006, 296.813



89, 0.011, 296.813

Same Dimension

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



61, 0.682, 144.708



77, 1.244, 144.588



61, 0.477, 164.276



31, 0.569, 144.616



50, 75.751, 136.016



2, 5.022, 144.444

Inverse Universe

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



61, 0.695, 324.183



77, 1.260, 324.300



61, 0.488, 343.042



31, 0.578, 324.273



32, 73.086, 328.234



1, 5.023, 324.439

Previews

White Background



This preview shows how the CIELCh color 61, 0.680, 144.707 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, 0.680, 144.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

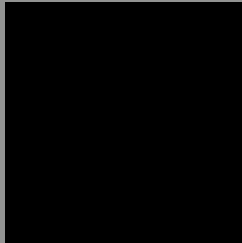
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 0.680, 144.707

Background



This preview shows how black text looks on a background with the CIELCh color 61, 0.680, 144.707.



This preview shows how white text looks on a background with the CIELCh color 61, 0.680, 144.707.

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, 0.680, 144.707

Protanopia

61, 1.557, 19.275

Deuteranopia

61, 7.987, 359.633



Tritanopia
61, 6.257, 297.787

Trichromacy



Original Color

61, 0.680, 144.707

Protanomaly

61, 0.950, 55.131

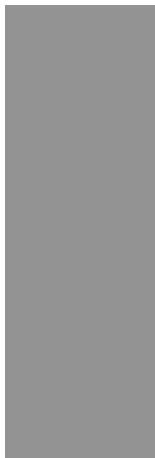
Deuteranomaly

61, 4.999, 0.144

Tritanomaly

61, 3.382, 290.569

Monochromacy



Original Color

61, 0.680, 144.707

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 0.008, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 0.680, 144.707 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, 147, 146)` looks like.

```
.text, #text, p{  
    color:rgb(146, 147, 146)  
}
```

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, 147, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 147, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 0.680, 144.707 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, 147, 146) }
```

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

```
.border{ border-color:rgb(146, 147, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 147, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 147, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 147, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 147,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 0.680, 144.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 147, 146) }
```

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

```
.background{ background-color: rgb(146,  
147, 146) }
```

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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