

Converting Colors

CIELCh(61, 17.365, 176.874)

Have a look what the booklet for
CIELCh(61, 17.365, 176.874)
contains.

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Color

CIELCh(61, 17.365, 176.874)

Conversions

Conversions Part 1

Format	Color
Hex	709C91
RGB	112, 156, 145
RGB Percent	44%, 61%, 57%
CMY	0.5609, 0.3884, 0.4315
CMYK	0.28, 0.00, 0.07, 0.39
HSL	165°, 18%, 53%
HSV	165°, 28%, 61%
XYZ	23.6662, 29.2481, 31.1696
YIQ	141.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

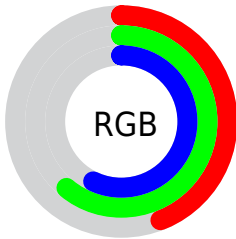
Format	Color
RYB	112, 137, 156
Decimal	7380113
CIELab	61.00, -17.34, 0.95
CIElCh	61, 17.365, 176.874
Yxy	29.2481, 0.2815, 0.3478
Android (android.graphics.Color)	4285570193 (0xFF709C91)
YUV	141.5900, 1.6811, -25.9504
Hunter-Lab	54.0815, -16.5308, 3.6856

Details

The CIELCh color $61, 17.365, 176.874$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 19.135, 2.536$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.459, 176.682$, and $41, 17.557, 176.995$ is the 20% darker color. If you saturate the color by 10%, you get $60, 23.009, 175.790$, and if you desaturate by 10%, it is $62, 11.396, 177.883$.

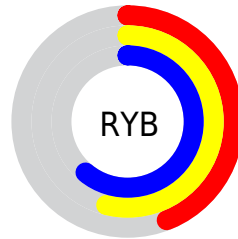
Distribution



Red (44%)

Green (61%)

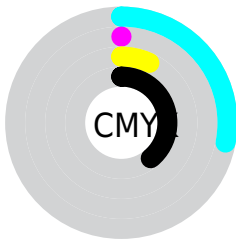
Blue (57%)



Red (44%)

Yellow (54%)

Blue (61%)

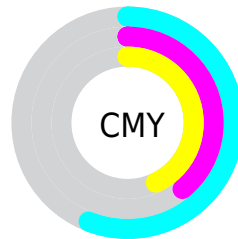


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (39%)



Cyan (56%)


Magenta (39%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 17.365, 176.874 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, 17.365, 176.874 by changing the saturation by 10% instead.


 61, 17.365,
176.874


 61, 17.365,
176.874


 100, 17.365,
176.874


 51, 17.365,
176.874


 81, 17.365,
176.874

 41, 17.365,
176.874

 91, 17.365,
176.874

 31, 17.365,
176.874

 21, 17.365,
176.874

 11, 17.365,
176.874

 1, 17.365, 176.874

 0, 17.365, 176.874

61, 17.365,
176.874

61, 17.365,
176.874

60, 23.009,
175.790

62, 11.396,
177.883

59, 28.224,
174.618

63, 5.196, 178.863

59, 32.911,
173.335

65, 1.145, 359.309

66, 7.553, 0.456

58, 36.987,
171.916

68, 13.970, 1.284

58, 40.403,
170.340

69, 20.348, 2.064

71, 26.654, 2.810

57, 43.149,
168.588

73, 32.863, 3.527

57, 45.341,
166.694

75, 38.958, 4.217

57, 45.722,

Harmonies

Complementary

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



61, 17.365, 176.874



52, 19.135, 2.536

Rectangle

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



61, 17.365, 176.874



61, 17.365, 226.874



61, 17.365, 356.874



61, 17.365, 46.874

Sweetspot

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



61, 17.366, 176.871



81, 6.300, 178.868



61, 27.776, 135.441



42, 4.462, 178.727



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 17.366, 176.871



77, 25.696, 176.182



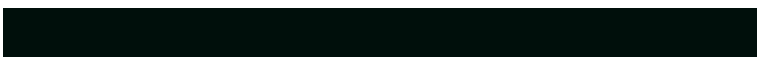
58, 13.058, 225.127



33, 3.615, 178.759



53, 42.765, 166.534



3, 4.864, 177.018

Inverse Universe

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



52, 19.135, 2.536



64, 29.003, 3.461



54, 15.678, 42.652



31, 3.728, 0.309



29, 57.981, 24.177



1, 4.751, 0.458

Previews

White Background



This preview shows how the CIELCh color 61, 17.365, 176.874 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 CIE LCh color 61, 17.365, 176.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

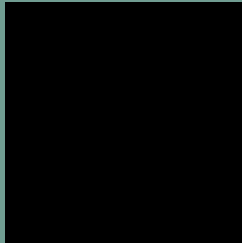
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.365, 176.874

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.365, 176.874.

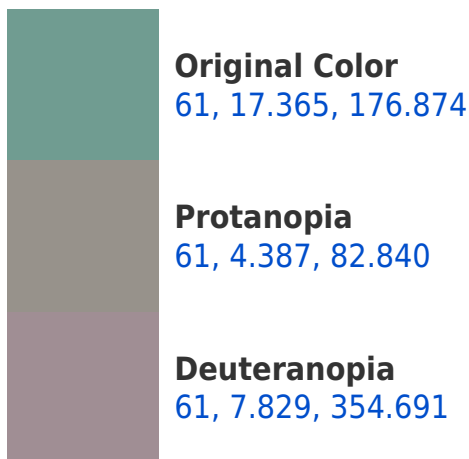


This preview shows how white text looks on a background with the CIELCh color 61, 17.365, 176.874.

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





Tritanopia
61, 14.275, 226.844

Trichromacy



Original Color
61, 17.365, 176.874

Protanomaly
61, 7.184, 154.043

Deuteranomaly
61, 1.536, 199.544

Tritanomaly
61, 13.899, 207.607

Monochromacy



Original Color
61, 17.365, 176.874

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.546, 178.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.365, 176.874 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(112, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(112, 156, 145)  
}
```

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(112, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 156, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.365, 176.874 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(112, 156, 145) }
```

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

```
.border{ border-color:rgb(112, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(112, 156,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.365, 176.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 156, 145) }
```

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

```
.background{ background-color: rgb(112,  
156, 145) }
```

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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