

Converting Colors

CIELCh(61, 18.106, 215.745)

Have a look what the booklet for
CIELCh(61, 18.106, 215.745)
contains.

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Color

CIELCh(61, 18.311, 214.124)

Conversions

Conversions Part 1

Format	Color
Hex	679CA5
RGB	103, 156, 165
RGB Percent	40%, 61%, 65%
CMY	0.5972, 0.3894, 0.3541
CMYK	0.38, 0.05, 0.00, 0.35
HSL	189°, 26%, 52%
HSV	189°, 38%, 65%
XYZ	24.1618, 29.2481, 39.8253
YIQ	141.1790, -34.4770, -8.4370

Conversions

Conversions Part 2

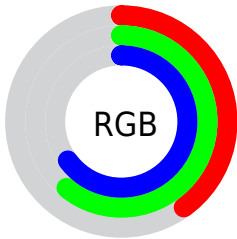
Format	Color
RYB	103, 132, 165
Decimal	6790309
CIELab	61.00, -15.16, -10.27
CIElCh	61, 18.311, 214.124
Yxy	29.2481, 0.2591, 0.3137
Android (android.graphics.Color)	4284980389 (0xFF679CA5)
YUV	141.1790, 11.7438, -33.4830
Hunter-Lab	54.0815, -14.8949, -5.8037

Details

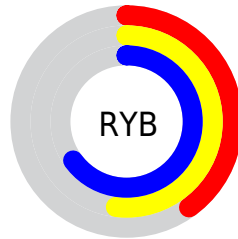
The CIELCh color `61, 18.311, 214.124` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 24.011, 34.275`, and the grayscale version is `59, 0.007, 296.813`.

A 20% lighter version of the original color is `81, 18.271, 213.492`, and `41, 18.360, 212.915` is the 20% darker color. If you saturate the color by 10%, you get `60, 22.100, 214.735`, and if you desaturate by 10%, it is `63, 13.994, 213.718`.

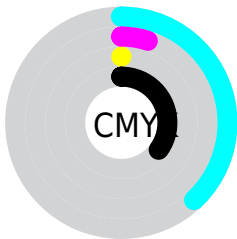
Distribution



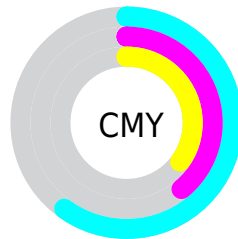
- Red (40%)
- Green (61%)
- Blue (65%)



- Red (40%)
- Yellow (52%)
- Blue (65%)



- Cyan (38%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)





- Cyan (60%)
- Magenta (39%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.311, 214.124 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, 18.311, 214.124 by changing the saturation by 10% instead.


 61, 18.311,
214.124


 61, 18.311,
214.124


 100, 18.311,
214.124


 51, 18.311,
214.124


 81, 18.311,
214.124

 41, 18.311,
214.124


 91, 18.311,
214.124

 31, 18.311,
214.124

 21, 18.311,
214.124

 11, 18.311,
214.124

 1, 18.311, 214.124

 0, 18.311, 214.124

61, 18.311,
214.124

61, 18.311,
214.124

60, 22.100,
214.735

63, 13.994,
213.718

58, 25.283,
215.607

64, 9.232, 213.492

66, 4.110, 213.446

57, 27.800,
216.791

68, 1.297, 32.953

56, 29.622,
218.347

70, 6.921, 33.325

55, 30.766,
220.333

72, 12.704, 33.490

74, 18.600, 33.682

54, 31.346,
222.755

77, 24.570, 33.901

54, 31.465,
223.342

79, 30.582, 34.142

Harmonies

Complementary

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



61, 18.311, 214.124



52, 24.011, 34.275

Rectangle

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



61, 18.311, 214.124



61, 18.311, 264.124



61, 18.311, 34.124



61, 18.311, 84.124

Sweetspot

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



61, 18.311, 214.121



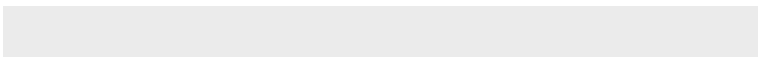
83, 7.261, 213.436



62, 38.287, 145.428



44, 4.854, 213.441



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 18.311, 214.121



76, 26.093, 214.606



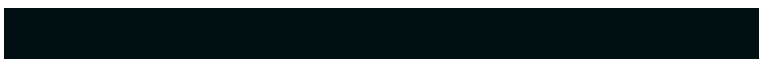
52, 23.668, 274.528



34, 3.008, 213.436



48, 28.720, 223.023



4, 4.673, 217.659

Inverse Universe

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



52, 38.001, 330.942



63, 55.679, 331.450



60, 24.243, 83.501



32, 5.670, 329.197



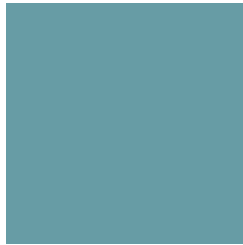
33, 68.007, 334.849



1, 8.535, 329.975

Previews

White Background



This preview shows how the CIELCh color 61, 18.311, 214.124 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, 18.311, 214.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

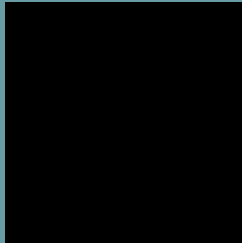
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.311, 214.124

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.311, 214.124.

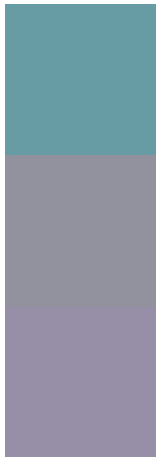


This preview shows how white text looks on a background with the CIELCh color 61, 18.311, 214.124.

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, 18.311, 214.124

Protanopia
61, 6.764, 290.938

Deuteranopia
61, 13.910, 303.862



Tritanopia
61, 18.489, 221.547

Trichromacy



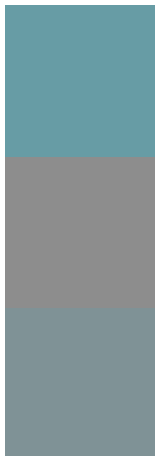
Original Color
61, 18.311, 214.124

Protanomaly
61, 9.049, 237.554

Deuteranomaly
61, 11.335, 263.034

Tritanomaly
61, 18.352, 219.796

Monochromacy



Original Color
61, 18.311, 214.124

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.348, 216.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.311, 214.124 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(103, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(103, 156, 165)  
}
```

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(103, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 156, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.311, 214.124 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(103, 156, 165) }
```

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

```
.border{ border-color:rgb(103, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(103, 156,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.311, 214.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 156, 165) }
```

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

```
.background{ background-color: rgb(103,  
156, 165) }
```

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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