

Converting Colors

CIELCh(61, 15.065, 210.449)

Have a look what the booklet for
CIELCh(61, 15.065, 210.449)
contains.

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Color

CIELCh(61, 14.923, 211.345)

Conversions

Conversions Part 1

Format	Color
Hex	709AA0
RGB	112, 154, 160
RGB Percent	44%, 60%, 63%
CMY	0.5594, 0.3947, 0.3711
CMYK	0.30, 0.04, 0.00, 0.37
HSL	187°, 20%, 53%
HSV	187°, 30%, 63%
XYZ	24.7183, 29.2481, 37.7657
YIQ	142.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

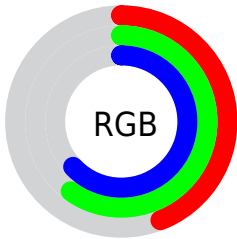
Format	Color
R_{YB}	112, 134, 160
Decimal	7379616
CIE _{Lab}	61.00, -12.74, -7.76
CIE _{LCh}	61, 14.923, 211.345
Yxy	29.2481, 0.2695, 0.3188
Android (android.graphics.Color)	4285569696 (0xFF709AA0)
YUV	142.1260, 8.8119, -26.4205
Hunter-Lab	54.0815, -13.0581, -3.5457

Details

The CIELCh color `61, 14.923, 211.345` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `54, 18.380, 32.020`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 14.884, 212.999`, and `41, 14.882, 212.060` is the 20% darker color. If you saturate the color by 10%, you get `60, 19.092, 211.649`, and if you desaturate by 10%, it is `63, 10.291, 211.194`.

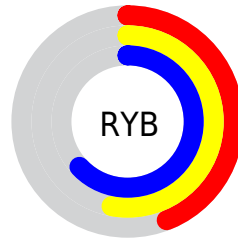
Distribution



Red (44%)

Green (60%)

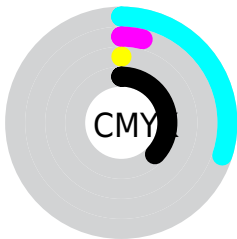
Blue (63%)



Red (44%)

Yellow (53%)

Blue (63%)

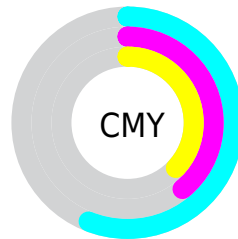


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (56%)


Magenta (39%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.923, 211.345 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, 14.923, 211.345 by changing the saturation by 10% instead.


 61, 14.923,
211.345


 61, 14.923,
211.345


 100, 14.923,
211.345


 51, 14.923,
211.345


 81, 14.923,
211.345

 41, 14.923,
211.345

 91, 14.923,
211.345

 31, 14.923,
211.345

 21, 14.923,
211.345

 11, 14.923,
211.345

 1, 14.923, 211.345

 0, 14.923, 211.345

61, 14.923,
211.345

61, 14.923,
211.345

60, 19.092,
211.649

63, 10.291,
211.194

58, 22.713,
212.152

64, 5.279, 211.200

66, 0.034, 17.317

57, 25.712,
212.890

68, 5.577, 31.222

56, 28.036,
213.909

70, 11.291, 31.459

55, 29.661,
215.259

72, 17.125, 31.710

74, 23.038, 31.985

54, 30.613,
216.987

76, 28.999, 32.278

53, 31.084,
219.037

78, 34.297, 32.743

53, 31.087,

Harmonies

Complementary

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



61, 14.923, 211.345



54, 18.380, 32.020

Rectangle

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



61, 14.923, 211.345



61, 14.923, 261.345



61, 14.923, 31.345



61, 14.923, 81.345

Sweetspot

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



61, 14.923, 211.341



82, 5.946, 211.209



62, 30.258, 145.658



43, 4.109, 211.194



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 14.923, 211.341



77, 21.671, 211.529



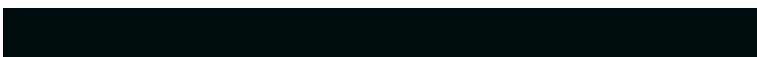
54, 17.978, 271.531



33, 2.975, 211.208



48, 28.573, 218.797



3, 3.914, 213.799

Inverse Universe

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



54, 30.129, 329.787



66, 44.791, 330.191



60, 18.454, 83.083



31, 5.601, 328.547



32, 68.181, 333.794



1, 7.162, 328.820

Previews

White Background



This preview shows how the CIELCh color 61, 14.923, 211.345 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, 14.923, 211.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

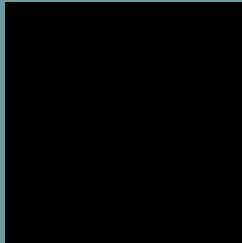
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

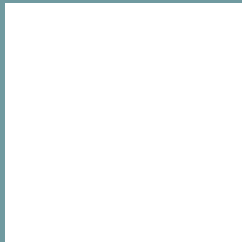
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 14.923, 211.345

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.923, 211.345.

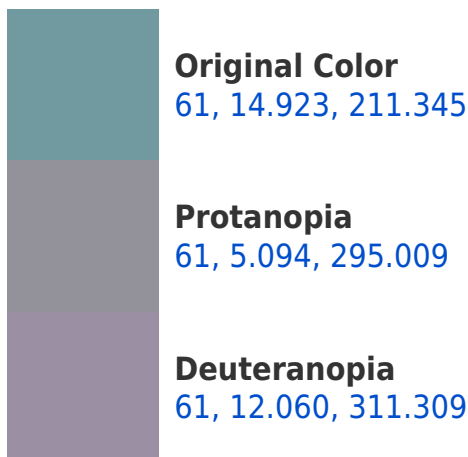


This preview shows how white text looks on a background with the CIELCh color 61, 14.923, 211.345.

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](#).

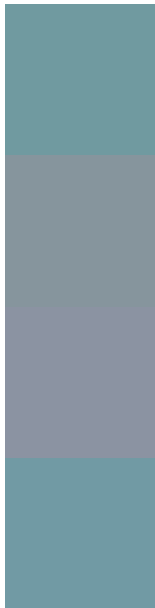
Dichromacy





Tritanopia
61, 15.098, 225.076

Trichromacy



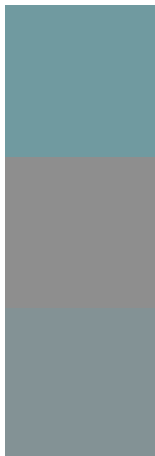
Original Color
61, 14.923, 211.345

Protanomaly
61, 7.040, 238.979

Deuteranomaly
61, 8.879, 271.869

Tritanomaly
61, 15.044, 220.389

Monochromacy



Original Color
61, 14.923, 211.345

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.835, 215.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.923, 211.345 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, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(112, 154, 160)  
}
```

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, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 154, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.923, 211.345 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, 154, 160) }
```

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

```
.border{ border-color:rgb(112, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(112, 154,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.923, 211.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 154, 160) }
```

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

```
.background{ background-color: rgb(112,  
154, 160) }
```

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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