

Converting Colors

CIELCh(61, 19.399, 222.744)

Have a look what the booklet for
CIELCh(61, 19.399, 222.744)
contains.

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Color

CIELCh(61, 19.310, 224.183)

Conversions

Conversions Part 1

Format	Color
Hex	659BAA
RGB	101, 155, 170
RGB Percent	40%, 61%, 67%
CMY	0.6027, 0.3909, 0.3321
CMYK	0.41, 0.09, 0.00, 0.33
HSL	193°, 29%, 53%
HSV	193°, 41%, 67%
XYZ	24.4630, 29.2481, 42.5463
YIQ	140.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

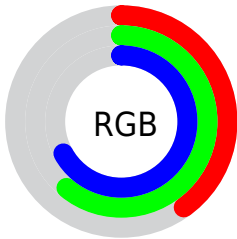
Format	Color
RYB	101, 131, 170
Decimal	6658986
CIELab	61.00, -13.85, -13.46
CIELCh	61, 19.310, 224.183
Yxy	29.2481, 0.2541, 0.3039
Android (android.graphics.Color)	4284849066 (0xFF659BAA)
YUV	140.5640, 14.5119, -34.6976
Hunter-Lab	54.0815, -13.9007, -8.7867

Details

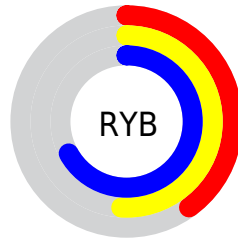
The CIELCh color **61, 19.310, 224.183** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 25.669, 41.090**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 19.274, 222.878**, and **41, 19.359, 223.879** is the 20% darker color. If you saturate the color by 10%, you get **59, 22.995, 225.479**, and if you desaturate by 10%, it is **63, 15.120, 223.201**.

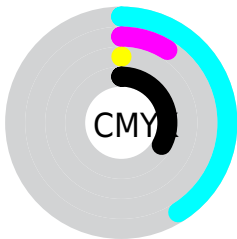
Distribution



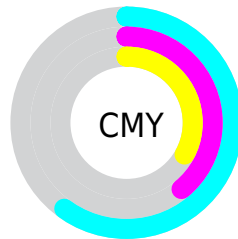
- Red (40%)
- Green (61%)
- Blue (67%)



- Red (40%)
- Yellow (51%)
- Blue (67%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)





- Cyan (60%)
- Magenta (39%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.310, 224.183 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, 19.310, 224.183 by changing the saturation by 10% instead.


 61, 19.310,
224.183


 61, 19.310,
224.183


 100, 19.310,
224.183


 51, 19.310,
224.183


 81, 19.310,
224.183

 41, 19.310,
224.183

 91, 19.310,
224.183

 31, 19.310,
224.183

 21, 19.310,
224.183

 11, 19.310,
224.183

 1, 19.310, 224.183

 0, 19.310, 224.183

61, 19.310,
224.183

61, 19.310,
224.183

59, 22.995,
225.479

63, 15.120,
223.201

57, 26.110,
227.172

65, 10.502,
222.483

56, 28.615,
229.341

67, 5.531, 221.991

54, 30.508,
232.071

70, 0.278, 223.250

72, 5.194, 41.185

53, 31.841,
235.430

74, 10.830, 41.075

52, 32.786,
239.069

77, 16.586, 41.006

79, 22.424, 40.986

82, 28.314, 41.005

Harmonies

Complementary

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



61, 19.310, 224.183



54, 25.669, 41.090

Rectangle

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



61, 19.310, 224.183



61, 19.310, 274.183



61, 19.310, 44.183



61, 19.310, 94.183

Sweetspot

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



61, 19.310, 224.180



85, 7.794, 222.058



64, 39.764, 147.796



45, 5.195, 222.112



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 19.310, 224.180



76, 27.743, 225.386



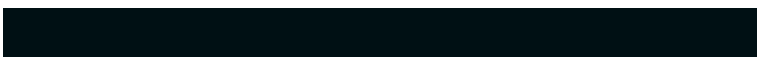
51, 29.213, 281.421



35, 2.957, 221.948



45, 29.505, 238.537



4, 5.403, 229.324

Inverse Universe

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



52, 39.895, 333.816



63, 58.950, 334.502



63, 28.708, 89.858



33, 5.527, 331.690



33, 65.269, 339.000



2, 9.567, 333.559

Previews

White Background



This preview shows how the CIE LCh color 61, 19.310, 224.183 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, 19.310, 224.183 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, 19.310, 224.183

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.310, 224.183.

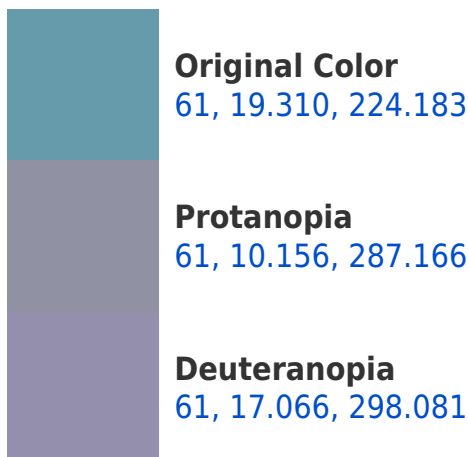


This preview shows how white text looks on a background with the CIELCh color 61, 19.310, 224.183.

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, 19.137, 218.781

Trichromacy



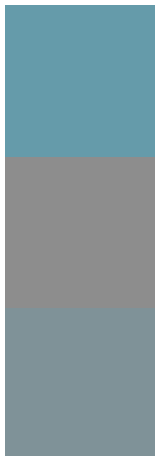
Original Color
61, 19.310, 224.183

Protanomaly
61, 11.939, 252.655

Deuteranomaly
60, 15.000, 269.830

Tritanomaly
61, 19.261, 220.471

Monochromacy



Original Color
61, 19.310, 224.183

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.704, 225.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.310, 224.183 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(101, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(101, 155, 170)  
}
```

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(101, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 155, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.310, 224.183 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(101, 155, 170) }
```

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

```
.border{ border-color:rgb(101, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(101, 155,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.310, 224.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 155, 170) }
```

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

```
.background{ background-color: rgb(101,  
155, 170) }
```

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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