

Converting Colors

CIELCh(61, 19.550, 240.765)

Have a look what the booklet for
CIELCh(61, 19.550, 240.765)
contains.

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Color

CIELCh(61, 19.609, 240.012)

Conversions

Conversions Part 1

Format	Color
Hex	6B9AB1
RGB	107, 154, 177
RGB Percent	42%, 60%, 69%
CMY	0.5819, 0.3975, 0.3074
CMYK	0.40, 0.13, 0.00, 0.31
HSL	200°, 31%, 56%
HSV	200°, 40%, 69%
XYZ	25.4087, 29.2481, 45.6989
YIQ	142.5690, -35.3950, -2.8110

Conversions

Conversions Part 2

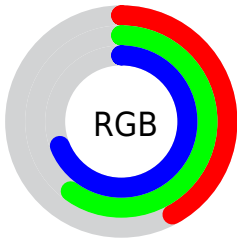
Format	Color
RYB	107, 135, 177
Decimal	7051953
CIELab	61.00, -9.80, -16.98
CIElCh	61, 19.609, 240.012
Yxy	29.2481, 0.2532, 0.2914
Android (android.graphics.Color)	4285242033 (0xFF6B9AB1)
YUV	142.5690, 16.9745, -31.1940
Hunter-Lab	54.0815, -10.7794, -12.2430

Details

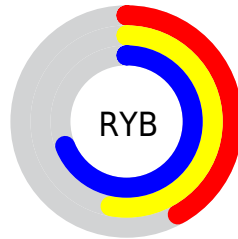
The CIELCh color $61, 19.609, 240.012$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 24.692, 52.380$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 19.731, 241.201$, and $41, 19.404, 239.470$ is the 20% darker color. If you saturate the color by 10%, you get $58, 23.760, 242.081$, and if you desaturate by 10%, it is $64, 15.083, 238.350$.

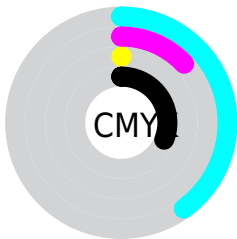
Distribution



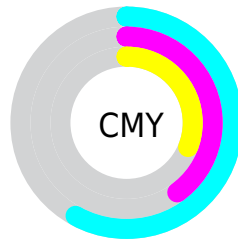
- Red (42%)
- Green (60%)
- Blue (69%)



- Red (42%)
- Yellow (53%)
- Blue (69%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)





- Cyan (58%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.609, 240.012 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, 19.609, 240.012 by changing the saturation by 10% instead.


 61, 19.609,
240.012


 61, 19.609,
240.012


 100, 19.609,
240.012


 51, 19.609,
240.012


 81, 19.609,
240.012

 41, 19.609,
240.012

 91, 19.609,
240.012

 31, 19.609,
240.012

 21, 19.609,
240.012

 11, 19.609,
240.012

 1, 19.609, 240.012

 0, 19.609, 240.012

61, 19.609,
240.012

61, 19.609,
240.012

58, 23.760,
242.081

64, 15.083,
238.350

56, 27.499,
244.649

66, 10.236,
237.029

54, 30.812,
247.796

69, 5.125, 236.004

51, 33.729,
251.583

72, 0.197, 52.795

75, 5.681, 54.291

49, 36.335,
256.019

78, 11.286, 53.773

47, 38.825,
260.875

81, 16.977, 53.334

84, 22.725, 52.973

47, 38.921,
261.049

86, 24.955, 57.758

Harmonies

Complementary

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



61, 19.609, 240.012



58, 24.692, 52.380

Rectangle

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



61, 19.609, 240.012



61, 19.609, 290.012



61, 19.609, 60.012



61, 19.609, 110.012

Sweetspot

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



61, 19.608, 240.010



87, 7.864, 236.239



66, 37.138, 151.531



46, 5.198, 236.362



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 19.608, 240.010



75, 28.516, 241.898



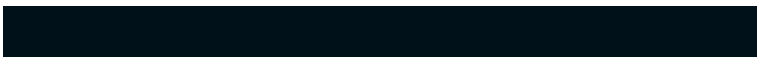
51, 33.362, 287.294



36, 3.042, 235.978



41, 34.789, 260.408



4, 7.703, 248.078

Inverse Universe

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



54, 37.336, 338.507



65, 55.274, 339.370



67, 31.571, 96.840



35, 5.361, 336.070



33, 62.125, 346.671



2, 11.926, 340.321

Previews

White Background



This preview shows how the CIE LCh color 61, 19.609, 240.012 looks on a white background.

Color Contrast Check

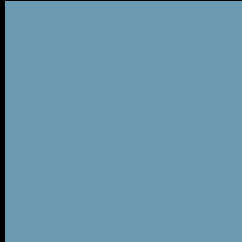
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.609, 240.012 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

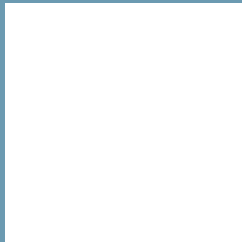
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 19.609, 240.012

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.609, 240.012.

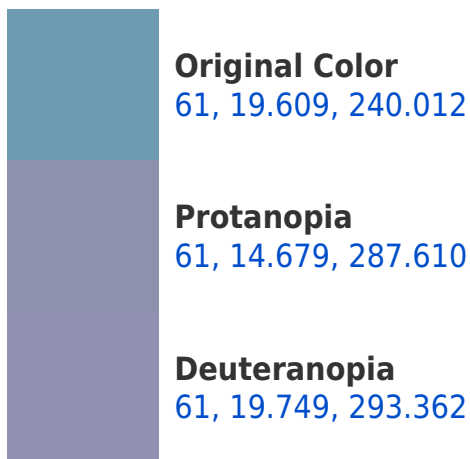


This preview shows how white text looks on a background with the CIELCh color 61, 19.609, 240.012.

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, 18.228, 221.923

Trichromacy



Original Color
61, 19.609, 240.012

Protanomaly
61, 15.355, 266.264

Deuteranomaly
61, 17.684, 272.750

Tritanomaly
61, 18.499, 227.505

Monochromacy



Original Color
61, 19.609, 240.012

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.942, 238.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.609, 240.012 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(107, 154, 177)` looks like.

```
.text, #text, p{  
    color:rgb(107, 154, 177)  
}
```

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(107, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 154, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.609, 240.012 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(107, 154, 177) }
```

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

```
.border{ border-color:rgb(107, 154, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 154, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 154, 177);  
box-shadow:4px 4px 4px 4px rgb(107, 154,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.609, 240.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 154, 177) }
```

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

```
.background{ background-color: rgb(107,  
154, 177) }
```

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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