

Converting Colors

CIELCh(61, 27.601, 239.138)

Have a look what the booklet for
CIELCh(61, 27.601, 239.138)
contains.

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Color

CIELCh(61, 27.601, 239.138)

Conversions

Conversions Part 1

Format	Color
Hex	509CBC
RGB	80, 156, 188
RGB Percent	31%, 61%, 74%
CMY	0.6849, 0.3870, 0.2615
CMYK	0.57, 0.17, 0.00, 0.26
HSL	198°, 45%, 53%
HSV	198°, 57%, 74%
XYZ	24.3914, 29.2481, 52.1206
YIQ	136.9240, -55.5680, -6.1600

Conversions

Conversions Part 2

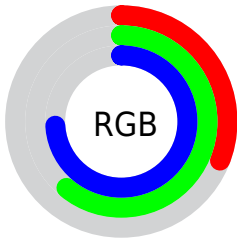
Format	Color
R_{YB}	80, 125, 188
Decimal	5283004
CIE _{Lab}	61.00, -14.16, -23.69
CIE _{LCh}	61, 27.601, 239.138
Yxy	29.2481, 0.2306, 0.2766
Android (android.graphics.Color)	4283473084 (0xFF509CBC)
YUV	136.9240, 25.1805, -49.9223
Hunter-Lab	54.0815, -14.1373, -19.2831

Details

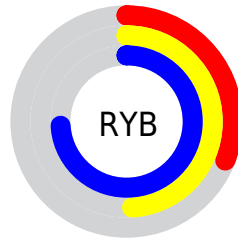
The CIELCh color **61, 27.601, 239.138** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **55, 40.620, 48.601**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 27.548, 238.094**, and **41, 27.665, 239.167** is the 20% darker color. If you saturate the color by 10%, you get **59, 30.925, 241.951**, and if you desaturate by 10%, it is **63, 23.758, 236.878**.

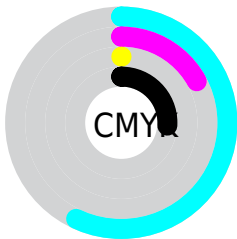
Distribution



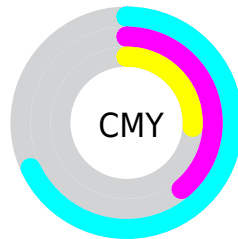
- Red (31%)
- Green (61%)
- Blue (74%)



- Red (31%)
- Yellow (49%)
- Blue (74%)



- Cyan (57%)
- Magenta (17%)
- Yellow (0%)
- Black (26%)





- Cyan (68%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.601, 239.138 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, 27.601, 239.138 by changing the saturation by 10% instead.


 61, 27.601,
239.138


 61, 27.601,
239.138


 100, 27.601,
239.138


 51, 27.601,
239.138


 81, 27.601,
239.138

 41, 27.601,
239.138

 91, 27.601,
239.138

 31, 27.601,
239.138

 21, 27.601,
239.138

 11, 27.601,
239.138

 1, 27.601, 239.138

 0, 27.601, 239.138

61, 27.601,
239.138

61, 27.601,
239.138

59, 30.925,
241.951

63, 23.758,
236.878

57, 33.745,
245.399

66, 19.430,
235.084

55, 36.127,
249.528

69, 14.672,
233.670

53, 38.227,
254.265

71, 9.550, 232.569

52, 38.799,
255.528

74, 4.130, 231.756

77, 1.525, 50.630

80, 7.360, 50.341

83, 13.330, 49.946

86, 19.394, 49.626

Harmonies

Complementary

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



61, 27.601, 239.138



55, 40.620, 48.601

Rectangle

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



61, 27.601, 239.138



61, 27.601, 289.138



61, 27.601, 59.138



61, 27.601, 109.138

Sweetspot

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



61, 27.600, 239.137



90, 11.593, 232.563



69, 56.686, 147.991



47, 7.713, 232.761



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 27.600, 239.137



74, 38.674, 242.846



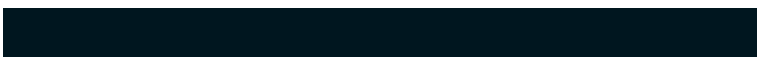
46, 50.210, 289.595



38, 3.184, 231.892



44, 33.886, 254.794



6, 9.656, 244.791

Inverse Universe

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



51, 56.185, 338.692



60, 79.456, 340.077



68, 46.304, 92.435



37, 5.743, 334.740



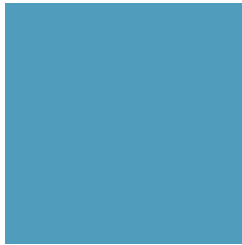
35, 64.870, 344.370



3, 16.130, 339.596

Previews

White Background



This preview shows how the CIELCh color 61, 27.601, 239.138 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, 27.601, 239.138 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, 27.601, 239.138

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.601, 239.138.

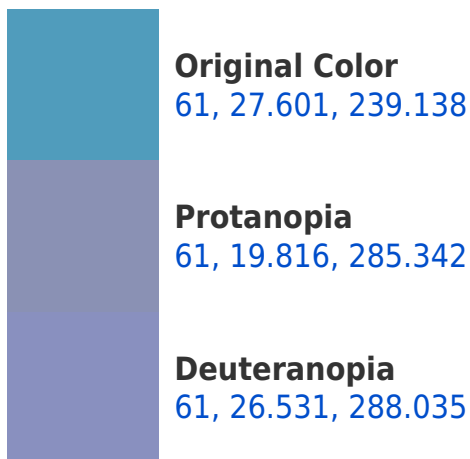


This preview shows how white text looks on a background with the CIELCh color 61, 27.601, 239.138.

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](#).

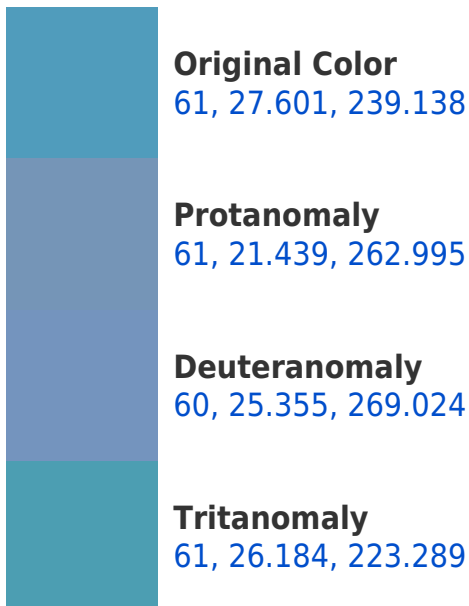
Dichromacy



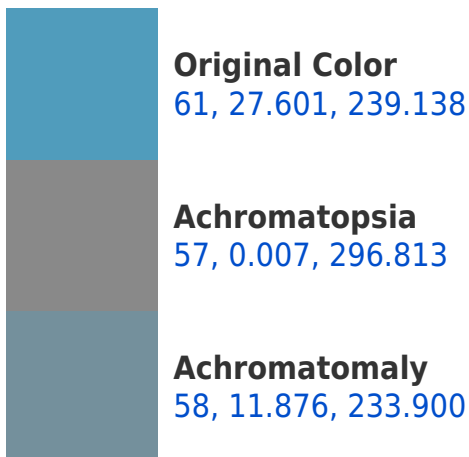


Tritanopia
61, 26.170, 213.761

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.601, 239.138 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(80, 156, 188)` looks like.

```
.text, #text, p{  
    color:rgb(80, 156, 188)  
}
```

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(80, 156, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 156, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.601, 239.138 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(80, 156, 188) }
```

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

```
.border{ border-color:rgb(80, 156, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 156, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 156, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 156, 188);  
box-shadow:4px 4px 4px 4px rgb(80, 156,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.601, 239.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 156, 188) }
```

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

```
.background{ background-color: rgb(80, 156,  
188) }
```

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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