

Converting Colors

CIELCh(61, 29.791, 253.063)

Have a look what the booklet for
CIELCh(61, 29.791, 253.063)
contains.

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Color

CIELCh(61, 29.857, 253.193)

Conversions

Conversions Part 1

Format	Color
Hex	589AC5
RGB	88, 154, 197
RGB Percent	35%, 60%, 77%
CMY	0.6546, 0.3958, 0.2271
CMYK	0.55, 0.22, 0.00, 0.23
HSL	204°, 48%, 56%
HSV	204°, 55%, 77%
XYZ	25.6861, 29.2481, 57.1608
YIQ	139.1680, -53.1390, -0.6190

Conversions

Conversions Part 2

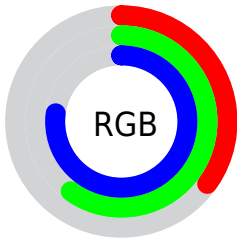
Format	Color
R_{YB}	88, 129, 197
Decimal	5806789
CIE _{Lab}	61.00, -8.63, -28.58
CIE _{LCh}	61, 29.857, 253.193
Yxy	29.2481, 0.2291, 0.2609
Android (android.graphics.Color)	4283996869 (0xFF589AC5)
YUV	139.1680, 28.5112, -44.8743
Hunter-Lab	54.0815, -9.8639, -24.8087

Details

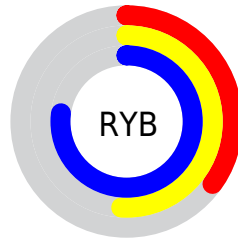
The CIELCh color **61, 29.857, 253.193** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **61, 39.420, 58.067**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.001, 253.729**, and **41, 29.831, 253.287** is the 20% darker color. If you saturate the color by 10%, you get **58, 34.307, 256.420**, and if you desaturate by 10%, it is **64, 25.080, 250.514**.

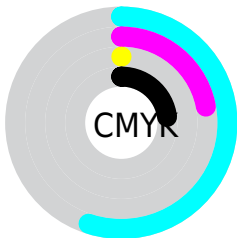
Distribution



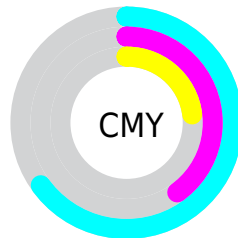
- Red (35%)
- Green (60%)
- Blue (77%)



- Red (35%)
- Yellow (51%)
- Blue (77%)



- Cyan (55%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)





- Cyan (65%)
- Magenta (40%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 29.857, 253.193 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, 29.857, 253.193 by changing the saturation by 10% instead.


 61, 29.857,
253.193


 61, 29.857,
253.193


 100, 29.857,
253.193


 51, 29.857,
253.193


 81, 29.857,
253.193

 41, 29.857,
253.193

 91, 29.857,
253.193

 31, 29.857,
253.193

 21, 29.857,
253.193

 11, 29.857,
253.193

 1, 29.857, 253.193

 0, 29.857, 253.193

61, 29.857,
253.193

61, 29.857,
253.193

58, 34.307,
256.420

64, 25.080,
250.514

55, 38.465,
260.244

67, 19.986,
248.314

52, 42.416,
264.655

71, 14.604,
246.516

50, 46.295,
269.547

74, 8.980, 245.054

49, 48.170,
271.831

78, 3.158, 243.928

81, 2.815, 62.626

85, 8.900, 61.898

88, 15.063, 61.219

91, 18.353, 68.897

Harmonies

Complementary

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



61, 29.857, 253.193



61, 39.420, 58.067

Rectangle

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



61, 29.857, 253.193



61, 29.857, 303.193



61, 29.857, 73.193



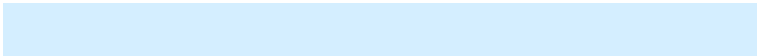
61, 29.857, 123.193

Sweetspot

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



61, 29.856, 253.193



93, 12.258, 245.316



72, 52.527, 152.190



49, 8.172, 245.601



0, 0.000, 0.000



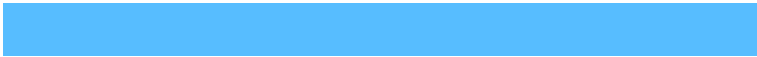
53, 0.007, 296.813

Same Dimension

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



61, 29.856, 253.193



73, 42.535, 257.030



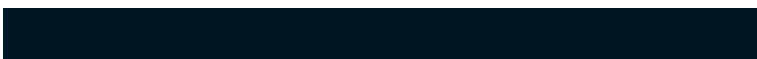
46, 56.912, 294.038



40, 3.381, 244.336



40, 41.429, 271.070



6, 12.408, 259.084

Inverse Universe

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



53, 53.208, 343.559



63, 75.136, 345.214



74, 50.357, 99.003



39, 5.594, 339.041



35, 62.842, 352.117



4, 19.093, 346.450

Previews

White Background



This preview shows how the CIE LCh color 61, 29.857, 253.193 looks on a white background.

Color Contrast Check

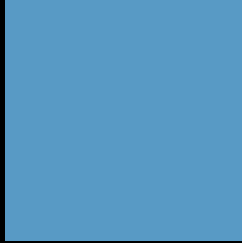
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.857, 253.193 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, 29.857, 253.193

Background



This preview shows how black text looks on a background with the CIELCh color 61, 29.857, 253.193.

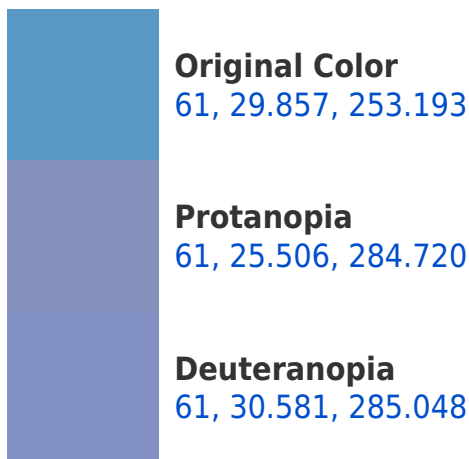


This preview shows how white text looks on a background with the CIELCh color 61, 29.857, 253.193.

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, 25.313, 213.033

Trichromacy



Original Color
61, 29.857, 253.193

Protanomaly
61, 26.769, 271.432

Deuteranomaly
61, 29.500, 272.970

Tritanomaly
61, 25.335, 228.799

Monochromacy



Original Color
61, 29.857, 253.193

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 12.227, 247.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 29.857, 253.193 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(88, 154, 197)` looks like.

```
.text, #text, p{  
    color:rgb(88, 154, 197)  
}
```

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(88, 154, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 154, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 29.857, 253.193 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(88, 154, 197) }
```

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

```
.border{ border-color:rgb(88, 154, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 154, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 154, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 154, 197);  
box-shadow:4px 4px 4px 4px rgb(88, 154,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 29.857, 253.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 154, 197) }
```

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

```
.background{ background-color: rgb(88, 154,  
197) }
```

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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