

Converting Colors

CIELCh(61, 30.713, 276.976)

Have a look what the booklet for
CIELCh(61, 30.713, 276.976)
contains.

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Color

CIELCh(61, 30.680, 276.933)

Conversions

Conversions Part 1

Format	Color
Hex	7894C9
RGB	120, 148, 201
RGB Percent	47%, 58%, 79%
CMY	0.5307, 0.4209, 0.2131
CMYK	0.40, 0.26, 0.00, 0.21
HSL	219°, 43%, 63%
HSV	219°, 40%, 79%
XYZ	28.7405, 29.2481, 59.1759
YIQ	145.6700, -33.7010, 10.5470

Conversions

Conversions Part 2

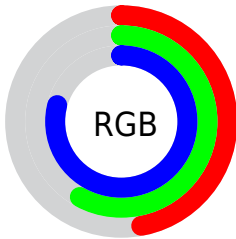
Format	Color
RYB	120, 141, 201
Decimal	7902409
CIELab	61.00, 3.70, -30.46
CIELCh	61, 30.680, 276.933
Yxy	29.2481, 0.2453, 0.2496
Android (android.graphics.Color)	4286092489 (0xFF7894C9)
YUV	145.6700, 27.2777, -22.5126
Hunter-Lab	54.0815, 0.2173, -27.0179

Details

The CIELCh color **61, 30.680, 276.933** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72, 31.106, 84.829**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.086, 275.772**, and **41, 30.587, 276.785** is the 20% darker color. If you saturate the color by 10%, you get **56, 38.582, 279.388**, and if you desaturate by 10%, it is **66, 22.910, 274.828**.

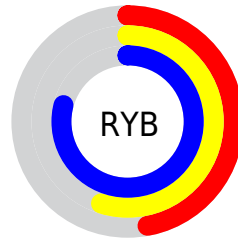
Distribution



Red (47%)

Green (58%)

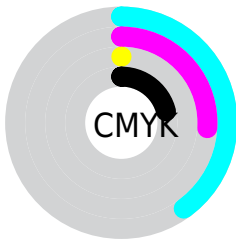
Blue (79%)



Red (47%)

Yellow (55%)

Blue (79%)

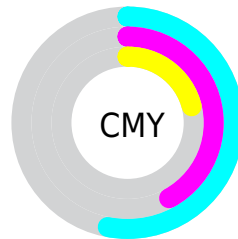


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 30.680, 276.933 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, 30.680, 276.933 by changing the saturation by 10% instead.

■ 61, 30.680,
276.933

■ 61, 30.680,
276.933

■ 100, 30.680,
276.933

■ 51, 30.680,
276.933

■ 81, 30.680,
276.933

■ 41, 30.680,
276.933

■ 91, 30.680,
276.933

■ 31, 30.680,
276.933

■ 21, 30.680,
276.933

■ 11, 30.680,
276.933

■ 1, 30.680, 276.933

■ 0, 30.680, 276.933

61, 30.680,
276.933

61, 30.680,
276.933

56, 38.582,
279.388

66, 22.910,
274.828

51, 46.649,
282.222

71, 15.257,
273.032

47, 54.918,
285.431

76, 7.713, 271.508

43, 63.415,
288.954

81, 0.275, 271.065

86, 7.054, 88.978

39, 72.102,
292.650

90, 14.273, 88.006

35, 80.513,
296.100

95, 20.726, 92.199

98, 26.303,
106.265

99, 27.407,
108.096

Harmonies

Complementary

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



61, 30.680, 276.933



72, 31.106, 84.829

Rectangle

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



61, 30.680, 276.933



61, 30.680, 326.933



61, 30.680, 96.933



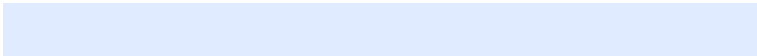
61, 30.680, 146.933

Sweetspot

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



61, 30.679, 276.933



93, 10.864, 271.764



75, 31.984, 168.413



49, 7.212, 271.958



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, 30.679, 276.933



71, 44.609, 278.949



54, 46.852, 300.048



39, 4.189, 271.372



28, 67.978, 295.531



4, 16.468, 280.357

Inverse Universe

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



60, 35.239, 357.605



70, 50.899, 359.059



78, 42.441, 113.075



39, 4.729, 353.679



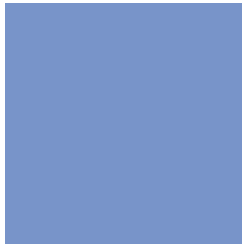
34, 61.481, 16.295



4, 16.731, 1.865

Previews

White Background



This preview shows how the CIELCh color 61, 30.680, 276.933 looks on a white background.

Color Contrast Check

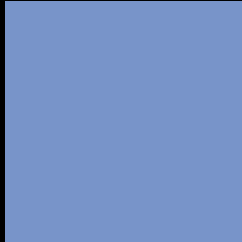
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.680, 276.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

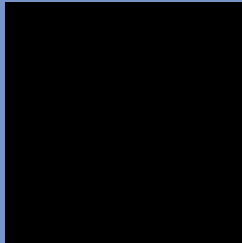
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

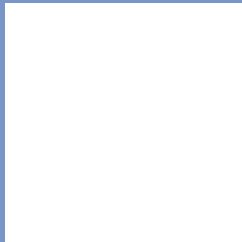
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 30.680, 276.933

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.680, 276.933.



This preview shows how white text looks on a background with the CIELCh color 61, 30.680, 276.933.

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



Original Color

61, 30.680, 276.933

Protanopia

61, 30.581, 285.048

Deuteranopia

61, 31.718, 284.962



Tritanopia
61, 15.925, 223.527

Trichromacy



Original Color
61, 30.680, 276.933

Protanomaly
61, 30.756, 282.199

Deuteranomaly
61, 31.348, 281.952

Tritanomaly
61, 19.268, 251.189

Monochromacy



Original Color
61, 30.680, 276.933

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.221, 272.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.680, 276.933 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(120, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 201)  
}
```

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(120, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.680, 276.933 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(120, 148, 201) }
```

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

```
.border{ border-color:rgb(120, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(120, 148,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.680, 276.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 201) }
```

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

```
.background{ background-color: rgb(120,  
148, 201) }
```

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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