

Converting Colors

CIELCh(61, 34.562, 260.032)

Have a look what the booklet for
CIELCh(61, 34.562, 260.032)
contains.

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Color

CIELCh(61, 34.735, 260.471)

Conversions

Conversions Part 1

Format	Color
Hex	5499CF
RGB	84, 153, 207
RGB Percent	33%, 60%, 81%
CMY	0.6698, 0.3993, 0.1875
CMYK	0.59, 0.26, 0.00, 0.19
HSL	206°, 56%, 57%
HSV	206°, 59%, 81%
XYZ	26.3794, 29.2481, 63.4062
YIQ	138.5250, -58.4580, 2.1660

Conversions

Conversions Part 2

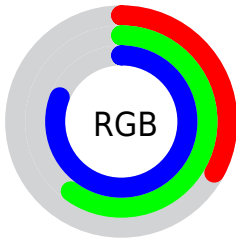
Format	Color
R _Y B	84, 128, 207
Decimal	5544399
CIE Lab	61.00, -5.75, -34.26
CIE LCh	61, 34.735, 260.471
Yxy	29.2481, 0.2216, 0.2457
Android (android.graphics.Color)	4283734479 (0xFF5499CF)
YUV	138.5250, 33.7582, -47.8184
Hunter-Lab	54.0815, -7.5755, -31.6556

Details

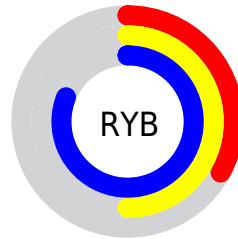
The CIELCh color **61, 34.735, 260.471** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **63, 44.479, 62.040**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.932, 254.827**, and **41, 34.641, 260.462** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.823, 264.025**, and if you desaturate by 10%, it is **65, 29.420, 257.464**.

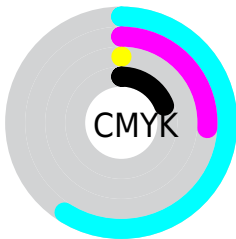
Distribution



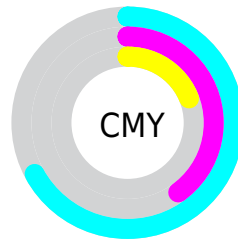
- Red (33%)
- Green (60%)
- Blue (81%)



- Red (33%)
- Yellow (50%)
- Blue (81%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)





- Cyan (67%)
- Magenta (40%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.735, 260.471 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, 34.735, 260.471 by changing the saturation by 10% instead.


 61, 34.735,
260.471


 61, 34.735,
260.471


 100, 34.735,
260.471


 51, 34.735,
260.471


 81, 34.735,
260.471

 41, 34.735,
260.471

 91, 34.735,
260.471

 31, 34.735,
260.471

 21, 34.735,
260.471

 11, 34.735,
260.471

 1, 34.735, 260.471

 0, 34.735, 260.471

■ 61, 34.735,
260.471

■ 61, 34.735,
260.471

■ 58, 39.823,
264.025

■ 65, 29.420,
257.464

■ 54, 44.752,
268.131

■ 68, 23.861,
254.954

■ 51, 49.631,
272.718

■ 72, 18.067,
252.873

■ 49, 54.618,
277.532

■ 76, 12.066,
251.155

■ 48, 54.949,
277.826

■ 80, 5.897, 249.755

■ 83, 0.402, 67.423

■ 87, 6.794, 67.415

■ 91, 13.249, 66.594

■ 94, 16.157, 81.404

Harmonies

Complementary

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



61, 34.735, 260.471



63, 44.479, 62.040

Rectangle

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



61, 34.735, 260.471



61, 34.735, 310.471



61, 34.735, 80.471



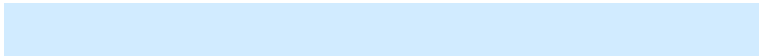
61, 34.735, 130.471

Sweetspot

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



61, 34.734, 260.471



92, 13.297, 250.980



75, 55.775, 153.761



48, 9.208, 251.441



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, 34.734, 260.471



69, 48.024, 265.000



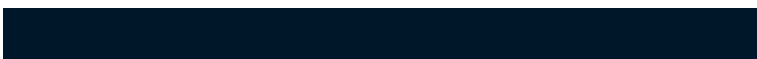
44, 68.061, 297.090



42, 3.603, 249.763



39, 46.463, 277.053



7, 14.912, 265.586

Inverse Universe

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



54, 57.297, 346.735



61, 77.021, 348.927



79, 58.189, 101.349



41, 5.650, 341.211



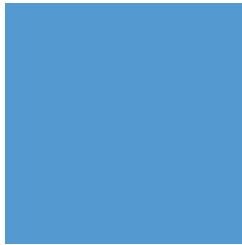
36, 63.107, 356.083



5, 22.505, 349.937

Previews

White Background



This preview shows how the CIELCh color 61, 34.735, 260.471 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, 34.735, 260.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

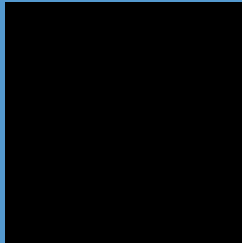
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

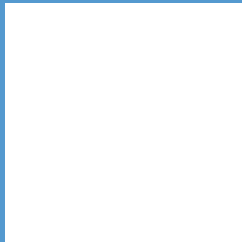
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 34.735, 260.471

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.735, 260.471.

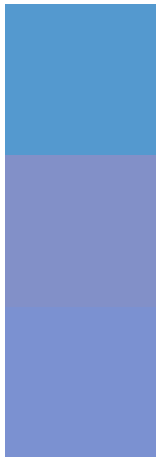


This preview shows how white text looks on a background with the CIELCh color 61, 34.735, 260.471.

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, 34.735, 260.471

Protanopia
61, 31.720, 285.541

Deuteranopia
61, 36.370, 283.484



Tritanopia
61, 27.342, 212.940

Trichromacy



Original Color
61, 34.735, 260.471

Protanomaly
61, 32.708, 275.286

Deuteranomaly
61, 35.102, 274.749

Tritanomaly
61, 27.549, 231.522

Monochromacy



Original Color
61, 34.735, 260.471

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 14.062, 253.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.735, 260.471 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(84, 153, 207)` looks like.

```
.text, #text, p{  
    color:rgb(84, 153, 207)  
}
```

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(84, 153, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 153, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.735, 260.471 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(84, 153, 207) }
```

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

```
.border{ border-color:rgb(84, 153, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 153, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 153, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 153, 207);  
box-shadow:4px 4px 4px 4px rgb(84, 153,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.735, 260.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 153, 207) }
```

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

```
.background{ background-color: rgb(84, 153,  
207) }
```

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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