

Converting Colors

CIELCh(61, 26.964, 241.875)

Have a look what the booklet for
CIELCh(61, 26.964, 241.875)
contains.

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Color

CIELCh(61, 27.098, 241.777)

Conversions

Conversions Part 1

Format	Color
Hex	559CBD
RGB	85, 156, 189
RGB Percent	33%, 61%, 74%
CMY	0.6680, 0.3894, 0.2601
CMYK	0.55, 0.17, 0.00, 0.26
HSL	199°, 44%, 54%
HSV	199°, 55%, 74%
XYZ	24.7021, 29.2481, 52.3042
YIQ	138.5330, -52.9090, -4.7890

Conversions

Conversions Part 2

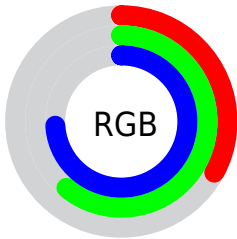
Format	Color
R_{YB}	85, 127, 189
Decimal	5610685
CIE _{Lab}	61.00, -12.81, -23.88
CIE _{LCh}	61, 27.098, 241.777
Yxy	29.2481, 0.2325, 0.2753
Android (android.graphics.Color)	4283800765 (0xFF559CBD)
YUV	138.5330, 24.8802, -46.9484
Hunter-Lab	54.0815, -13.1116, -19.4844

Details

The CIELCh color **61, 27.098, 241.777** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **56, 38.524, 50.574**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 26.880, 240.878**, and **41, 27.155, 242.001** is the 20% darker color. If you saturate the color by 10%, you get **59, 30.692, 244.610**, and if you desaturate by 10%, it is **64, 23.029, 239.488**.

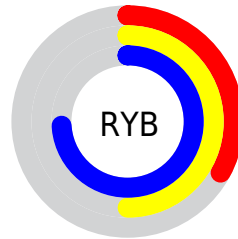
Distribution



Red (33%)

Green (61%)

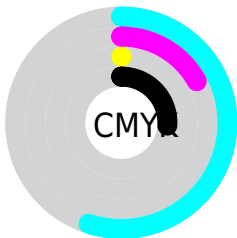
Blue (74%)



Red (33%)

Yellow (50%)

Blue (74%)

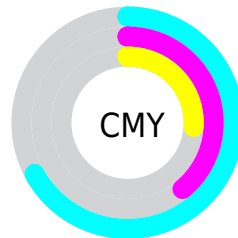


Cyan (55%)

Magenta (17%)

Yellow (0%)

Black (26%)



Cyan (67%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 27.098, 241.777 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, 27.098, 241.777 by changing the saturation by 10% instead.

■ 61, 27.098,
241.777

■ 61, 27.098,
241.777

■ 100, 27.098,
241.777

■ 51, 27.098,
241.777

■ 81, 27.098,
241.777

■ 41, 27.098,
241.777

■ 91, 27.098,
241.777

■ 31, 27.098,
241.777

■ 21, 27.098,
241.777

■ 11, 27.098,
241.777

■ 1, 27.098, 241.777

■ 0, 27.098, 241.777

61, 27.098,
241.777

61, 27.098,
241.777

59, 30.692,
244.610

64, 23.029,
239.488

56, 33.821,
248.070

66, 18.519,
237.658

54, 36.545,
252.198

69, 13.620,
236.205

52, 38.993,
256.958

72, 8.395, 235.064

51, 40.192,
259.329

75, 2.904, 234.245

78, 2.795, 53.174

81, 8.652, 52.700

84, 14.625, 52.251

87, 20.678, 51.882

Harmonies

Complementary

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



61, 27.098, 241.777



56, 38.524, 50.574

Rectangle

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



61, 27.098, 241.777



61, 27.098, 291.777



61, 27.098, 61.777



61, 27.098, 111.777

Sweetspot

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



61, 27.097, 241.776



90, 11.601, 235.285



69, 53.392, 149.546



47, 7.721, 235.503



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, 27.097, 241.776



74, 38.100, 245.229



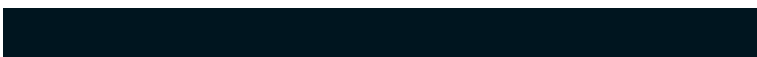
46, 50.326, 290.801



38, 3.183, 234.537



43, 35.014, 258.578



6, 9.776, 247.889

Inverse Universe

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



51, 53.735, 339.478



61, 76.145, 340.811



69, 45.886, 94.953



37, 5.658, 335.596



35, 64.038, 345.886



3, 15.850, 340.792

Previews

White Background



This preview shows how the CIE LCh color 61, 27.098, 241.777 looks on a white background.

Color Contrast Check

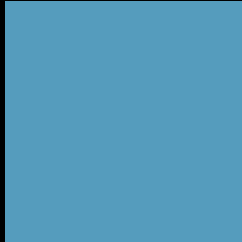
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 27.098, 241.777 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, 27.098, 241.777

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.098, 241.777.

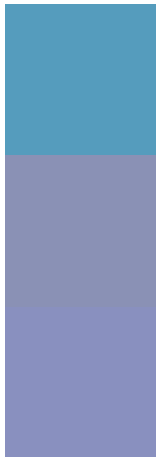


This preview shows how white text looks on a background with the CIELCh color 61, 27.098, 241.777.

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, 27.098, 241.777

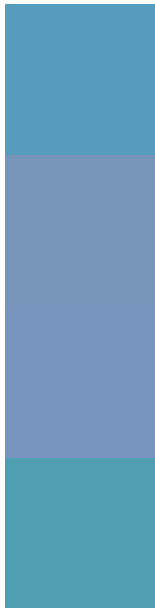
Protanopia
61, 20.373, 285.616

Deuteranopia
61, 26.531, 288.035



Tritanopia
61, 25.358, 214.361

Trichromacy



Original Color
61, 27.098, 241.777

Protanomaly
61, 21.660, 265.295

Deuteranomaly
61, 25.152, 270.277

Tritanomaly
61, 25.423, 224.171

Monochromacy



Original Color
61, 27.098, 241.777

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.071, 236.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.098, 241.777 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(85, 156, 189)` looks like.

```
.text, #text, p{  
    color:rgb(85, 156, 189)  
}
```

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(85, 156, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 156, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.098, 241.777 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(85, 156, 189) }
```

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

```
.border{ border-color:rgb(85, 156, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 156, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 156, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 156, 189);  
box-shadow:4px 4px 4px 4px rgb(85, 156,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.098, 241.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 156, 189) }
```

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

```
.background{ background-color: rgb(85, 156,  
189) }
```

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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