

Converting Colors

CIELCh(57, 26.529, 272.884)

Have a look what the booklet for
CIELCh(57, 26.529, 272.884)
contains.

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Color

CIELCh(57, 26.871, 273.071)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6D8AB7 |
| RGB | 109, 138, 183 |
| RGB Percent | 43%, 54%, 72% |
| CMY | 0.5718, 0.4581, 0.2816 |
| CMYK | 0.40, 0.25, 0.00, 0.28 |
| HSL | 216°, 34%, 57% |
| HSV | 216°, 40%, 72% |
| XYZ | 24.0149, 24.9227, 48.4552 |
| YIQ | 134.4590, -31.7290, 7.8470 |

Conversions

Conversions Part 2

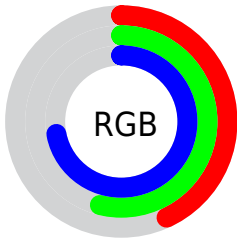
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 109, 130, 183 |
| Decimal | 7178935 |
| CIE Lab | 57.00, 1.44, -26.83 |
| CIE LCh | 57, 26.871, 273.071 |
| Yxy | 24.9227, 0.2466, 0.2559 |
| Android (android.graphics.Color) | 4285369015 (0xFF6D8AB7) |
| YUV | 134.4590, 23.9307, -22.3275 |
| Hunter-Lab | 49.9226, -1.4986, -22.6014 |

Details

The CIELCh color **57, 26.871, 273.071** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **65, 27.980, 80.857**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 26.934, 273.336**, and **37, 27.098, 273.793** is the 20% darker color. If you saturate the color by 10%, you get **53, 33.649, 275.567**, and if you desaturate by 10%, it is **61, 20.147, 270.936**.

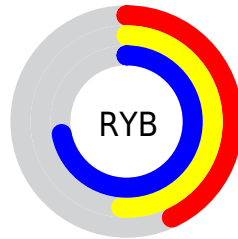
Distribution



Red (43%)

Green (54%)

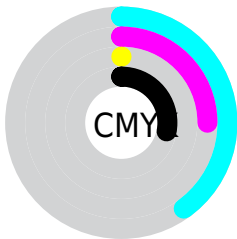
Blue (72%)



Red (43%)

Yellow (51%)

Blue (72%)

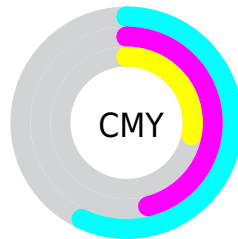


Cyan (40%)

Magenta (25%)

Yellow (0%)

Black (28%)



Cyan (57%)


Magenta (46%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 26.871, 273.071 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 57, 26.871, 273.071 by changing the saturation by 10% instead.


 57, 26.871,
273.071


 57, 26.871,
273.071


 100, 26.871,
273.071


 47, 26.871,
273.071


 77, 26.871,
273.071

 37, 26.871,
273.071

 87, 26.871,
273.071

 27, 26.871,
273.071

 97, 26.871,
273.071

 17, 26.871,
273.071

 7, 26.871, 273.071

 0, 26.871, 273.071

57, 26.871,
273.071

57, 26.871,
273.071

53, 33.649,
275.567

61, 20.147,
270.936

49, 40.507,
278.461

66, 13.472,
269.119

45, 47.483,
281.757

70, 6.843, 267.581

41, 54.622,
285.408

74, 0.267, 267.205

79, 6.250, 85.016

37, 61.946,
289.293

83, 12.699, 84.041

34, 69.128,
292.959

87, 19.074, 83.178

92, 25.235, 83.024

94, 28.933, 95.125

Harmonies

Complementary

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



57, 26.871, 273.071



65, 27.980, 80.857

Rectangle

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



57, 26.871, 273.071



57, 26.871, 323.071



57, 26.871, 93.071



57, 26.871, 143.071

Sweetspot

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



57, 26.870, 273.070



87, 9.748, 267.839



69, 30.966, 165.295



46, 6.521, 268.029



97, 0.011, 296.813



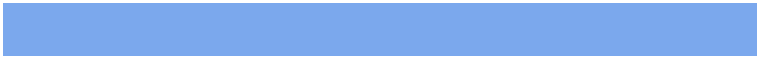
50, 0.007, 296.813

Same Dimension

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



57, 26.870, 273.070



68, 39.503, 275.140



50, 43.472, 298.504



37, 3.735, 267.435



29, 60.438, 292.434



3, 11.258, 274.711

Inverse Universe

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



55, 33.372, 354.442



66, 48.781, 355.807



72, 39.290, 110.867



36, 4.545, 350.710



33, 58.629, 11.694



2, 11.583, 356.857

Previews

White Background



This preview shows how the CIELCh color 57, 26.871, 273.071 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 57, 26.871, 273.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

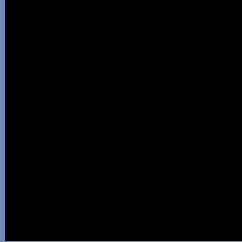
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

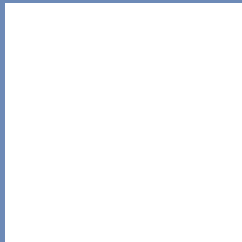
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 26.871, 273.071

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.871, 273.071.

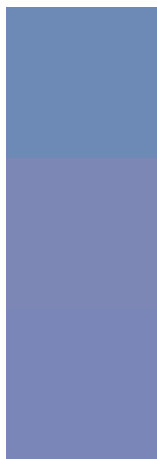


This preview shows how white text looks on a background with the CIELCh color 57, 26.871, 273.071.

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

57, 26.871, 273.071

Protanopia

57, 26.384, 285.249

Deuteranopia

57, 28.660, 286.249



Tritanopia
57, 15.452, 224.739

Trichromacy



Original Color
57, 26.871, 273.071

Protanomaly
57, 26.620, 281.152

Deuteranomaly
57, 27.773, 281.214

Tritanomaly
57, 17.857, 249.152

Monochromacy



Original Color
57, 26.871, 273.071

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.293, 270.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.871, 273.071 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(109, 138, 183)` looks like.

```
.text, #text, p{  
    color:rgb(109, 138, 183)  
}
```

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(109, 138, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 138, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.871, 273.071 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(109, 138, 183) }
```

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

```
.border{ border-color:rgb(109, 138, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 138, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 138, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 138, 183);  
box-shadow:4px 4px 4px 4px rgb(109, 138,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.871, 273.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 138, 183) }
```

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

```
.background{ background-color: rgb(109,  
138, 183) }
```

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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