

Converting Colors

CIELCh(60, 27.184, 271.036)

Have a look what the booklet for
CIELCh(60, 27.184, 271.036)
contains.

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Color

CIELCh(60, 26.985, 270.313)

Conversions

Conversions Part 1	
Format	Color
Hex	7293C0
RGB	114, 147, 192
RGB Percent	45%, 58%, 75%
CMY	0.5541, 0.4247, 0.2483
CMYK	0.41, 0.23, 0.00, 0.25
HSL	215°, 38%, 60%
HSV	215°, 41%, 75%
XYZ	26.7665, 28.1233, 53.7030
YIQ	142.2630, -34.1130, 6.9990

Conversions

Conversions Part 2

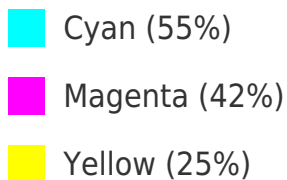
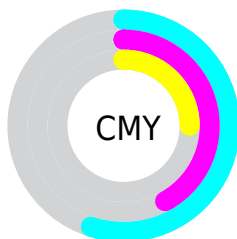
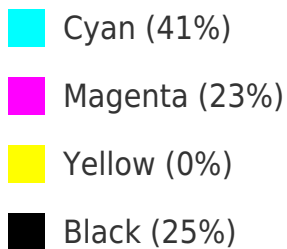
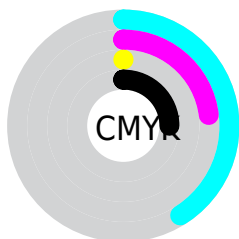
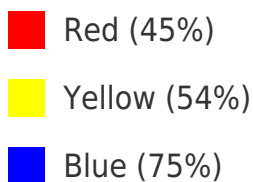
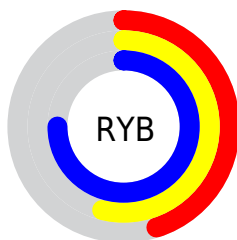
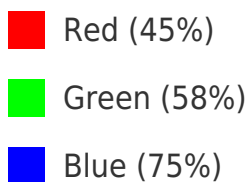
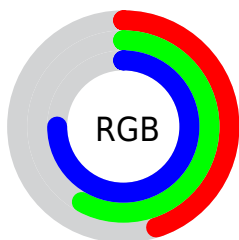
Format	Color
RYB	114, 137, 192
Decimal	7508928
CIELab	60.00, 0.15, -26.98
CIELCh	60, 26.985, 270.313
Yxy	28.1233, 0.2465, 0.2590
Android (android.graphics.Color)	4285699008 (0xFF7293C0)
YUV	142.2630, 24.5203, -24.7867
Hunter-Lab	53.0314, -2.7109, -22.9188

Details

The CIELCh color **60, 26.985, 270.313** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **67, 28.683, 77.908**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 27.177, 270.088**, and **40, 26.647, 269.576** is the 20% darker color. If you saturate the color by 10%, you get **56, 33.638, 272.872**, and if you desaturate by 10%, it is **64, 20.339, 268.132**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 26.985, 270.313 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 60, 26.985, 270.313 by changing the saturation by 10% instead.


 60, 26.985,
270.313


 60, 26.985,
270.313


 100, 26.985,
270.313


 50, 26.985,
270.313


 80, 26.985,
270.313

 40, 26.985,
270.313

 90, 26.985,
270.313

 30, 26.985,
270.313

 20, 26.985,
270.313

 10, 26.985,
270.313

 0, 26.985, 270.313

 60, 26.985,

 60, 26.985,

270.313

270.313

■ 56, 33.638,
272.872

■ 64, 20.339,
268.132

■ 52, 40.323,
275.849

■ 69, 13.699,
266.283

■ 48, 47.079,
279.253

■ 73, 7.068, 264.724

■ 44, 53.964,
283.042

■ 77, 0.459, 263.982

■ 40, 61.024,
287.094

■ 82, 6.117, 82.125

■ 37, 67.775,
290.834

■ 86, 12.649, 81.148

■ 90, 19.125, 80.283

■ 94, 23.562, 89.504

■ 96, 27.865,
101.085

Harmonies

Complementary

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



60, 26.985, 270.313



67, 28.683, 77.908

Rectangle

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



60, 26.985, 270.313



60, 26.985, 320.313



60, 26.985, 90.313



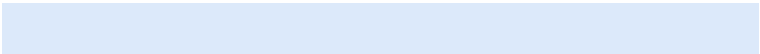
60, 26.985, 140.313

Sweetspot

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



60, 26.984, 270.312



92, 9.848, 264.942



72, 33.230, 163.279



48, 6.532, 265.136



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 26.984, 270.312



72, 40.333, 272.627



51, 45.439, 297.572



39, 3.784, 264.541



31, 58.640, 290.259



4, 13.882, 275.013

Inverse Universe

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



57, 35.380, 352.441



69, 52.572, 353.878



76, 40.959, 109.333



38, 4.844, 348.786



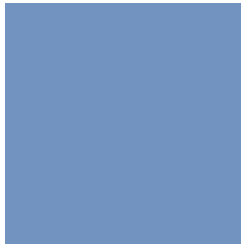
34, 59.812, 8.825



3, 15.245, 356.844

Previews

White Background



This preview shows how the CIELCh color 60, 26.985, 270.313 looks on a white background.

Color Contrast Check

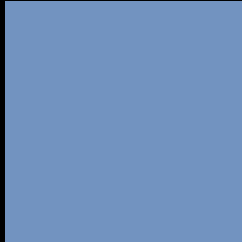
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 26.985, 270.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

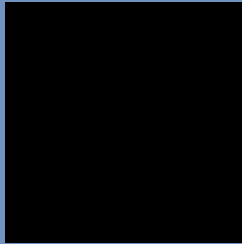
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

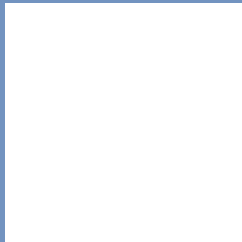
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 26.985, 270.313

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.985, 270.313.

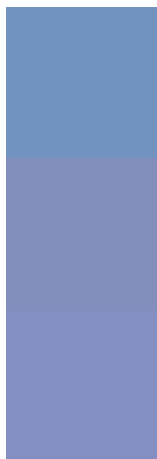


This preview shows how white text looks on a background with the CIELCh color 60, 26.985, 270.313.

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

60, 26.985, 270.313

Protanopia

60, 26.676, 285.995

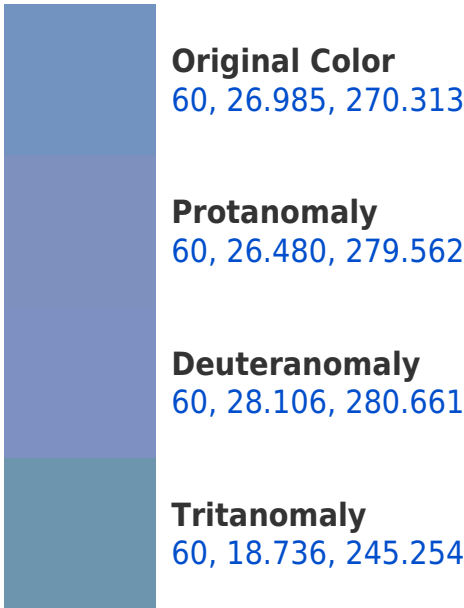
Deuteranopia

60, 28.930, 286.241

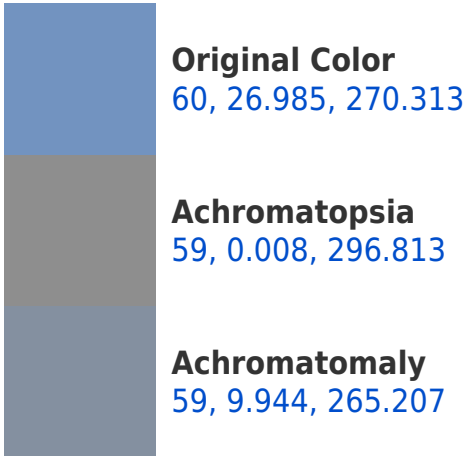


Tritanopia
60, 16.757, 222.185

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.985, 270.313 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(114, 147, 192)` looks like.

```
.text, #text, p{  
    color:rgb(114, 147, 192)  
}
```

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(114, 147, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 147, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.985, 270.313 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(114, 147, 192) }
```

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

```
.border{ border-color:rgb(114, 147, 192) }
```

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

Here you see how a box with a 4 pixel rgb(114, 147, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 147, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 147, 192);  
box-shadow:4px 4px 4px 4px rgb(114, 147,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.985, 270.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 147, 192) }
```

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

```
.background{ background-color: rgb(114,  
147, 192) }
```

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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