

Converting Colors

CIELCh(60, 29.013, 270.870)

Have a look what the booklet for
CIELCh(60, 29.013, 270.870)
contains.

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Color

CIELCh(60, 28.779, 270.395)

Conversions

Conversions Part 1

Format	Color
Hex	6F93C3
RGB	111, 147, 195
RGB Percent	44%, 58%, 76%
CMY	0.5653, 0.4241, 0.2359
CMYK	0.43, 0.25, 0.00, 0.24
HSL	214°, 41%, 60%
HSV	214°, 43%, 76%
XYZ	26.7790, 28.1233, 55.5526
YIQ	141.7080, -36.8640, 7.2960

Conversions

Conversions Part 2

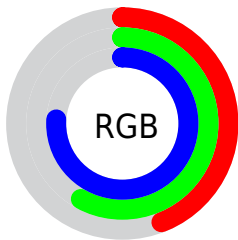
Format	Color
R_{YB}	111, 136, 195
Decimal	7312323
CIE Lab	60.00, 0.20, -28.78
CIE LCh	60, 28.779, 270.395
Yxy	28.1233, 0.2424, 0.2546
Android (android.graphics.Color)	4285502403 (0xFF6F93C3)
YUV	141.7080, 26.2730, -26.9309
Hunter-Lab	53.0314, -2.6689, -24.9867

Details

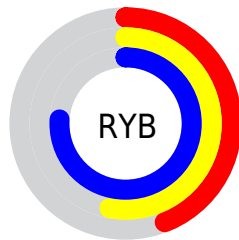
The CIELCh color **60, 28.779, 270.395** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68, 30.822, 77.056**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 28.814, 270.474**, and **40, 28.560, 269.838** is the 20% darker color. If you saturate the color by 10%, you get **56, 35.459, 273.064**, and if you desaturate by 10%, it is **64, 22.101, 268.119**.

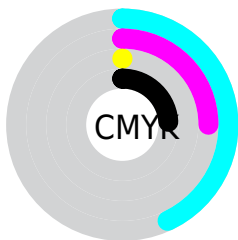
Distribution



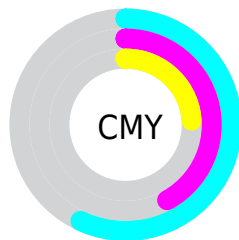
- Red (44%)
- Green (58%)
- Blue (76%)



- Red (44%)
- Yellow (53%)
- Blue (76%)



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.779, 270.395 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, 28.779, 270.395 by changing the saturation by 10% instead.

■ 60, 28.779,
270.395

■ 60, 28.779,
270.395

■ 100, 28.779,
270.395

■ 50, 28.779,
270.395

■ 80, 28.779,
270.395

■ 40, 28.779,
270.395

■ 90, 28.779,
270.395

■ 30, 28.779,
270.395

■ 20, 28.779,
270.395

■ 10, 28.779,
270.395

■ 0, 28.779, 270.395

■ 60, 28.779,

■ 60, 28.779,

270.395

■ 56, 35.459,
273.064

■ 52, 42.169,
276.161

■ 48, 48.955,
279.686

■ 44, 55.878,
283.580

■ 40, 62.983,
287.701

■ 38, 67.999,
290.468

270.395

■ 64, 22.101,
268.119

■ 69, 15.421,
266.189

■ 73, 8.742, 264.559

■ 77, 2.075, 263.268

■ 82, 4.566, 81.852

■ 86, 11.169, 80.854

■ 91, 17.723, 79.963

■ 94, 22.284, 89.367

■ 97, 26.651,
101.588

Harmonies

Complementary

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



60, 28.779, 270.395



68, 30.822, 77.056

Rectangle

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



60, 28.779, 270.395



60, 28.779, 320.395



60, 28.779, 90.395



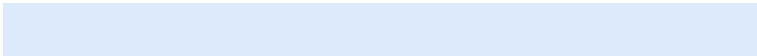
60, 28.779, 140.395

Sweetspot

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



60, 28.778, 270.395



92, 10.699, 264.573



73, 35.529, 162.965



48, 7.549, 264.916



0, 0.000, 0.000



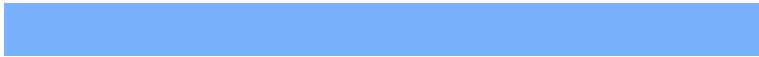
53, 0.007, 296.813

Same Dimension

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



60, 28.778, 270.395



71, 42.845, 272.978



51, 49.037, 297.962



39, 3.764, 264.022



31, 58.055, 289.839



4, 13.807, 274.666

Inverse Universe

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



57, 38.062, 352.455



68, 56.162, 354.055



77, 43.847, 109.134



38, 4.861, 348.460



34, 59.790, 8.303



3, 15.281, 356.533

Previews

White Background



This preview shows how the CIE LCh color 60, 28.779, 270.395 looks on a white background.

Color Contrast Check

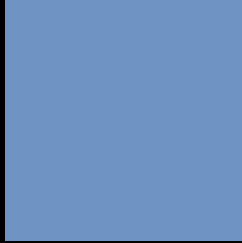
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 28.779, 270.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

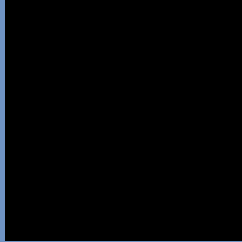
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

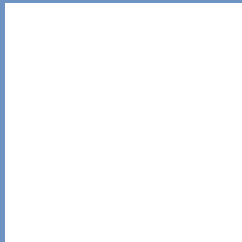
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 28.779, 270.395

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.779, 270.395.

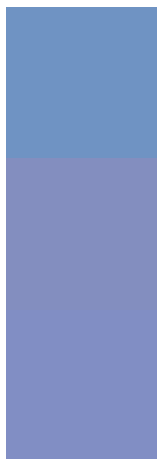


This preview shows how white text looks on a background with the CIELCh color 60, 28.779, 270.395.

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, 28.779, 270.395

Protanopia

60, 27.819, 285.789

Deuteranopia

60, 30.657, 285.713



Tritanopia
60, 17.716, 222.775

Trichromacy



Original Color
60, 28.779, 270.395

Protanomaly
60, 27.622, 279.683

Deuteranomaly
60, 29.901, 279.955

Tritanomaly
60, 20.039, 246.046

Monochromacy



Original Color
60, 28.779, 270.395

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.590, 264.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.779, 270.395 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(111, 147, 195)` looks like.

```
.text, #text, p{  
    color:rgb(111, 147, 195)  
}
```

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(111, 147, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 147, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.779, 270.395 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(111, 147, 195) }
```

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

```
.border{ border-color:rgb(111, 147, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 147, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 147, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 147, 195);  
box-shadow:4px 4px 4px 4px rgb(111, 147,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.779, 270.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 147, 195) }
```

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

```
.background{ background-color: rgb(111,  
147, 195) }
```

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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