

Converting Colors

CIELCh(59, 30.763, 258.326)

Have a look what the booklet for
CIELCh(59, 30.763, 258.326)
contains.

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Color

CIELCh(59, 30.526, 257.878)

Conversions

Conversions Part 1

Format	Color
Hex	5794C2
RGB	87, 148, 194
RGB Percent	34%, 58%, 76%
CMY	0.6596, 0.4203, 0.2399
CMYK	0.55, 0.24, 0.00, 0.24
HSL	206°, 47%, 55%
HSV	206°, 55%, 76%
XYZ	24.1910, 27.0277, 54.8702
YIQ	135.0050, -51.1220, 1.3740

Conversions

Conversions Part 2

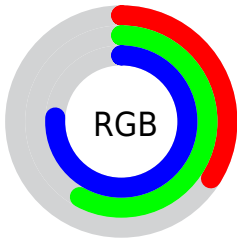
Format	Color
R _Y B	87, 126, 194
Decimal	5739714
CIE Lab	59.00, -6.41, -29.85
CIE LCh	59, 30.526, 257.878
Yxy	27.0277, 0.2280, 0.2548
Android (android.graphics.Color)	4283929794 (0xFF5794C2)
YUV	135.0050, 29.0845, -42.1004
Hunter-Lab	51.9882, -7.9203, -26.1850

Details

The CIELCh color **59, 30.526, 257.878** 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 **61, 38.736, 61.575**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 30.585, 258.159**, and **39, 30.303, 257.024** is the 20% darker color. If you saturate the color by 10%, you get **56, 35.321, 261.162**, and if you desaturate by 10%, it is **62, 25.484, 255.123**.

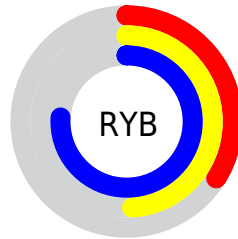
Distribution



Red (34%)

Green (58%)

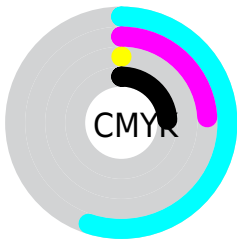
Blue (76%)



Red (34%)

Yellow (49%)

Blue (76%)

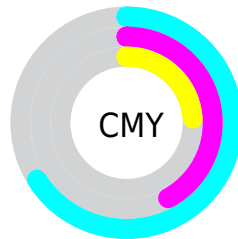


Cyan (55%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (66%)


Magenta (42%)


Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 30.526, 257.878 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 59, 30.526, 257.878 by changing the saturation by 10% instead.


 59, 30.526,
257.878


 59, 30.526,
257.878


 100, 30.526,
257.878


 49, 30.526,
257.878


 79, 30.526,
257.878

 39, 30.526,
257.878

 89, 30.526,
257.878

 29, 30.526,
257.878

 99, 30.526,
257.878

 19, 30.526,
257.878

 9, 30.526, 257.878

 0, 30.526, 257.878

■ 59, 30.526,
257.878

■ 59, 30.526,
257.878

■ 56, 35.321,
261.162

■ 62, 25.484,
255.123

■ 53, 39.913,
265.008

■ 66, 20.194,
252.836

■ 50, 44.384,
269.388

■ 69, 14.678,
250.947

■ 47, 48.859,
274.181

■ 73, 8.970, 249.395

■ 46, 51.074,
276.441

■ 76, 3.108, 248.177

■ 80, 2.871, 66.811

■ 84, 8.933, 65.992

■ 88, 15.049, 65.235

■ 91, 19.521, 69.600

Harmonies

Complementary

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



59, 30.526, 257.878



61, 38.736, 61.575

Rectangle

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



59, 30.526, 257.878



59, 30.526, 307.878



59, 30.526, 77.878



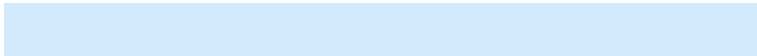
59, 30.526, 127.878

Sweetspot

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



59, 30.525, 257.878



91, 12.396, 249.689



71, 50.317, 153.669



48, 8.338, 249.995



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 30.525, 257.878



71, 44.139, 261.828



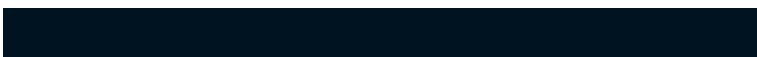
45, 58.314, 295.408



39, 3.366, 248.632



38, 43.908, 275.697



5, 11.886, 262.700

Inverse Universe

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



52, 51.363, 345.534



62, 73.128, 347.372



74, 51.006, 100.878



38, 5.342, 340.736



35, 61.222, 355.109



3, 16.524, 348.081

Previews

White Background



This preview shows how the CIELCh color 59, 30.526, 257.878 looks on a white background.

Color Contrast Check

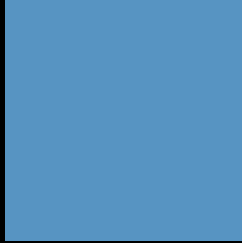
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 30.526, 257.878 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 59, 30.526, 257.878

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.526, 257.878.

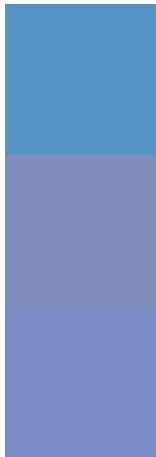


This preview shows how white text looks on a background with the CIELCh color 59, 30.526, 257.878.

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

59, 30.526, 257.878

Protanopia

59, 27.366, 284.944

Deuteranopia

59, 31.946, 284.586

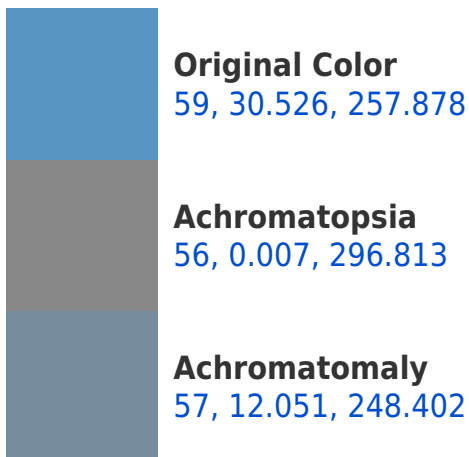


Tritanopia
59, 24.374, 213.798

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.526, 257.878 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(87, 148, 194)` looks like.

```
.text, #text, p{  
    color:rgb(87, 148, 194)  
}
```

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(87, 148, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 148, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.526, 257.878 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(87, 148, 194) }
```

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

```
.border{ border-color:rgb(87, 148, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 148, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 148, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 148, 194);  
box-shadow:4px 4px 4px 4px rgb(87, 148,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.526, 257.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 148, 194) }
```

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

```
.background{ background-color: rgb(87, 148,  
194) }
```

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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