

Converting Colors

CIELCh(58, 33.842, 265.095)

Have a look what the booklet for
CIELCh(58, 33.842, 265.095)
contains.

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Color

CIELCh(58, 33.846, 264.767)

Conversions

Conversions Part 1

Format	Color
Hex	5690C6
RGB	86, 144, 198
RGB Percent	34%, 56%, 78%
CMY	0.6632, 0.4357, 0.2239
CMYK	0.57, 0.27, 0.00, 0.22
HSL	209°, 50%, 56%
HSV	209°, 57%, 78%
XYZ	23.9656, 25.9610, 57.1086
YIQ	132.8140, -51.9020, 4.4980

Conversions

Conversions Part 2

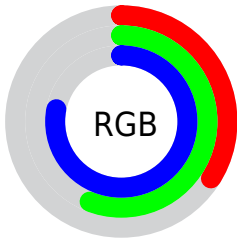
Format	Color
R _Y B	86, 124, 198
Decimal	5673158
CIE Lab	58.00, -3.09, -33.70
CIE LCh	58, 33.846, 264.767
Yxy	25.9610, 0.2239, 0.2425
Android (android.graphics.Color)	4283863238 (0xFF5690C6)
YUV	132.8140, 32.1367, -41.0559
Hunter-Lab	50.9519, -5.2070, -30.7879

Details

The CIELCh color **58, 33.846, 264.767** 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 **63, 40.708, 66.577**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 33.746, 264.391**, and **38, 33.871, 264.777** is the 20% darker color. If you saturate the color by 10%, you get **54, 39.372, 268.150**, and if you desaturate by 10%, it is **62, 28.184, 261.885**.

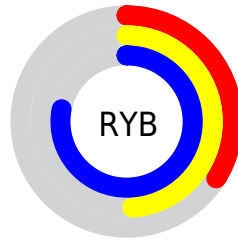
Distribution



Red (34%)

Green (56%)

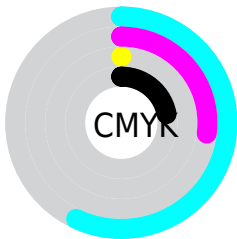
Blue (78%)



Red (34%)

Yellow (49%)

Blue (78%)

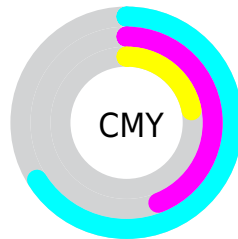


Cyan (57%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (66%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 33.846, 264.767 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 58, 33.846, 264.767 by changing the saturation by 10% instead.

■ 58, 33.846,
264.767

■ 58, 33.846,
264.767

■ 100, 33.846,
264.767

■ 48, 33.846,
264.767

■ 78, 33.846,
264.767

■ 38, 33.846,
264.767

■ 88, 33.846,
264.767

■ 28, 33.846,
264.767

■ 98, 33.846,
264.767

■ 18, 33.846,
264.767

■ 8, 33.846, 264.767

■ 0, 33.846, 264.767

■ 58, 33.846,
264.767

■ 58, 33.846,
264.767

■ 54, 39.372,
268.150

■ 62, 28.184,
261.885

■ 51, 44.821,
272.039

■ 65, 22.370,
259.459

■ 48, 50.279,
276.372

■ 69, 16.409,
257.430

■ 45, 55.858,
280.983

■ 73, 10.320,
255.738

■ 44, 57.817,
282.487

■ 77, 4.131, 254.360

■ 81, 2.129, 72.881

■ 85, 8.435, 71.986

■ 89, 14.761, 71.125

■ 92, 19.062, 78.505

Harmonies

Complementary

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



58, 33.846, 264.767



63, 40.708, 66.577

Rectangle

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



58, 33.846, 264.767



58, 33.846, 314.767



58, 33.846, 84.767



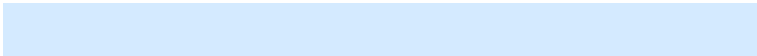
58, 33.846, 134.767

Sweetspot

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



58, 33.845, 264.767



92, 12.979, 255.840



72, 50.104, 155.784



48, 8.668, 256.164



0, 0.000, 0.000



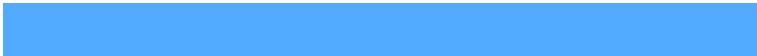
53, 0.007, 296.813

Same Dimension

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



58, 33.845, 264.767



68, 49.258, 269.047



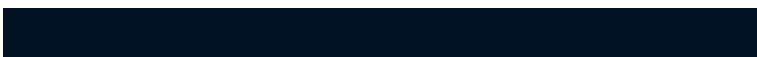
43, 64.583, 297.657



40, 3.558, 254.708



36, 49.434, 281.781



5, 13.731, 268.705

Inverse Universe

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



53, 51.884, 348.904



62, 73.375, 351.193



77, 55.298, 103.323



39, 5.265, 343.419



35, 60.954, 359.888



4, 18.038, 351.885

Previews

White Background



This preview shows how the CIELCh color 58, 33.846, 264.767 looks on a white background.

Color Contrast Check

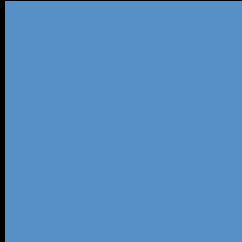
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 33.846, 264.767 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 58, 33.846, 264.767

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.846, 264.767.

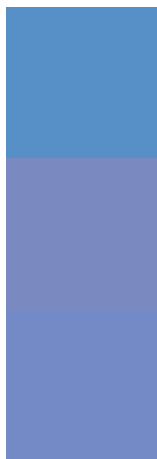


This preview shows how white text looks on a background with the CIELCh color 58, 33.846, 264.767.

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
58, 33.846, 264.767

Protanopia
58, 31.472, 284.986

Deuteranopia
58, 35.070, 282.528



Tritanopia
58, 24.760, 213.531

Trichromacy



Original Color
58, 33.846, 264.767

Protanomaly
58, 31.685, 276.210

Deuteranomaly
58, 34.659, 276.033

Tritanomaly
58, 25.653, 236.675

Monochromacy



Original Color
58, 33.846, 264.767

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 13.422, 257.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.846, 264.767 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(86, 144, 198)` looks like.

```
.text, #text, p{  
    color:rgb(86, 144, 198)  
}
```

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(86, 144, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 144, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.846, 264.767 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(86, 144, 198) }
```

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

```
.border{ border-color:rgb(86, 144, 198) }
```

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

Here you see how a box with a 4 pixel rgb(86, 144, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 144, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 144, 198);  
box-shadow:4px 4px 4px 4px rgb(86, 144,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.846, 264.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 144, 198) }
```

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

```
.background{ background-color: rgb(86, 144,  
198) }
```

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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