

Converting Colors

CIELCh(58, 35.972, 275.246)

Have a look what the booklet for
CIELCh(58, 35.972, 275.246)
contains.

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Color

CIELCh(58, 35.936, 275.183)

Conversions

Conversions Part 1

Format	Color
Hex	658DCA
RGB	101, 141, 202
RGB Percent	40%, 55%, 79%
CMY	0.6051, 0.4482, 0.2091
CMYK	0.50, 0.30, 0.00, 0.21
HSL	216°, 49%, 59%
HSV	216°, 50%, 79%
XYZ	25.4362, 25.9610, 59.3511
YIQ	135.9940, -43.4210, 10.4910

Conversions

Conversions Part 2

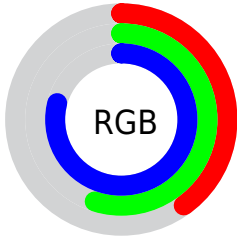
Format	Color
R _Y B	101, 130, 202
Decimal	6655434
CIE Lab	58.00, 3.25, -35.79
CIE LCh	58, 35.936, 275.183
Yxy	25.9610, 0.2297, 0.2344
Android (android.graphics.Color)	4284845514 (0xFF658DCA)
YUV	135.9940, 32.5410, -30.6897
Hunter-Lab	50.9519, -0.0550, -33.3974

Details

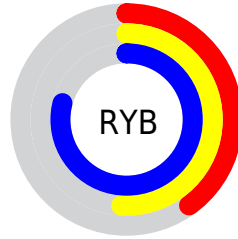
The CIELCh color `58, 35.936, 275.183` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `69, 37.845, 79.049`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 34.037, 274.030`, and `38, 36.262, 275.667` is the 20% darker color. If you saturate the color by 10%, you get `54, 43.287, 278.106`, and if you desaturate by 10%, it is `63, 28.662, 272.665`.

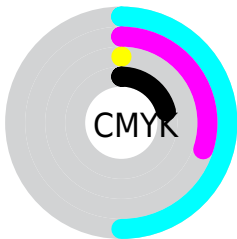
Distribution



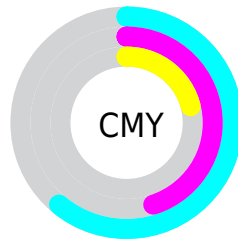
- Red (40%)
- Green (55%)
- Blue (79%)



- Red (40%)
- Yellow (51%)
- Blue (79%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 35.936, 275.183 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, 35.936, 275.183 by changing the saturation by 10% instead.

■ 58, 35.936,
275.183

■ 58, 35.936,
275.183

■ 100, 35.936,
275.183

■ 48, 35.936,
275.183

■ 78, 35.936,
275.183

■ 38, 35.936,
275.183

■ 88, 35.936,
275.183

■ 28, 35.936,
275.183

■ 98, 35.936,
275.183

■ 18, 35.936,
275.183

■ 8, 35.936, 275.183

■ 0, 35.936, 275.183

58, 35.936,
275.183

58, 35.936,
275.183

54, 43.287,
278.106

63, 28.662,
272.665

49, 50.759,
281.439

67, 21.443,
270.515

45, 58.404,
285.135

72, 14.268,
268.689

41, 66.248,
289.070

76, 7.139, 267.145

38, 74.197,
292.925

81, 0.063, 270.389

86, 6.953, 84.573

91, 13.899, 83.596

95, 19.713, 89.776

98, 24.678,
104.161

Harmonies

Complementary

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



58, 35.936, 275.183



69, 37.845, 79.049

Rectangle

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



58, 35.936, 275.183



58, 35.936, 325.183



58, 35.936, 95.183



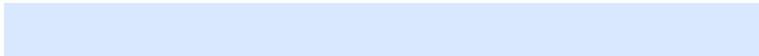
58, 35.936, 145.183

Sweetspot

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



58, 35.935, 275.183



92, 12.876, 267.903



74, 40.656, 163.976



48, 8.791, 268.240



0, 0.000, 0.000



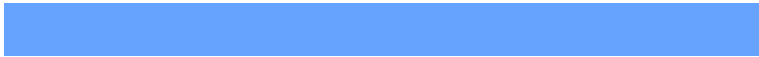
53, 0.007, 296.813

Same Dimension

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



58, 35.935, 275.183



67, 52.316, 278.342



48, 59.403, 300.017



41, 4.056, 267.051



31, 63.176, 292.339



4, 17.086, 278.749

Inverse Universe

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



56, 44.635, 355.789



64, 63.574, 357.980



79, 51.931, 110.133



40, 4.972, 350.444



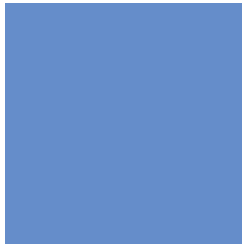
35, 61.420, 11.563



4, 19.065, 359.747

Previews

White Background



This preview shows how the CIELCh color 58, 35.936, 275.183 looks on a white background.

Color Contrast Check

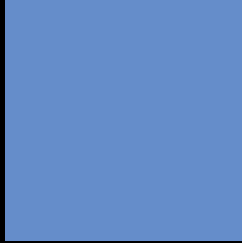
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 35.936, 275.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

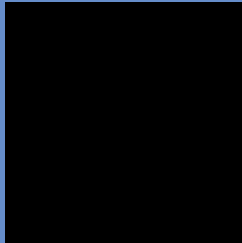
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

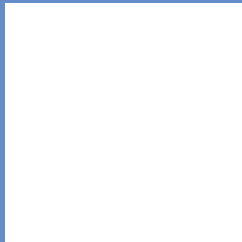
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 35.936, 275.183

Background



This preview shows how black text looks on a background with the CIELCh color 58, 35.936, 275.183.

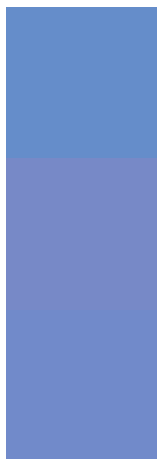


This preview shows how white text looks on a background with the CIELCh color 58, 35.936, 275.183.

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, 35.936, 275.183

Protanopia

58, 35.458, 285.135

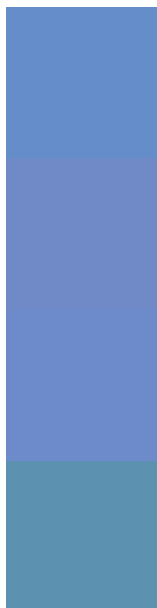
Deuteranopia

58, 36.799, 282.488



Tritanopia
58, 20.905, 216.942

Trichromacy



Original Color
58, 35.936, 275.183

Protanomaly
58, 35.757, 281.480

Deuteranomaly
58, 36.462, 280.043

Tritanomaly
58, 23.315, 245.802

Monochromacy



Original Color
58, 35.936, 275.183

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 13.483, 268.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 35.936, 275.183 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(101, 141, 202)` looks like.

```
.text, #text, p{  
    color:rgb(101, 141, 202)  
}
```

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(101, 141, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 141, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 35.936, 275.183 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(101, 141, 202) }
```

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

```
.border{ border-color:rgb(101, 141, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 141, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 141, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 141, 202); box-shadow:4px 4px 4px 4px rgb(101, 141, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 35.936, 275.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 141, 202) }
```

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

```
.background{ background-color: rgb(101,  
141, 202) }
```

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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