

Converting Colors

CIELCh(58, 20.793, 261.436)

Have a look what the booklet for
CIELCh(58, 20.793, 261.436)
contains.

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Color

CIELCh(58, 20.757, 260.680)

Conversions

Conversions Part 1

Format	Color
Hex	6E8FAF
RGB	110, 143, 175
RGB Percent	43%, 56%, 69%
CMY	0.5695, 0.4401, 0.3147
CMYK	0.37, 0.18, 0.00, 0.31
HSL	210°, 29%, 56%
HSV	210°, 37%, 69%
XYZ	23.9032, 25.9610, 44.1839
YIQ	136.7810, -29.9400, 2.9560

Conversions

Conversions Part 2

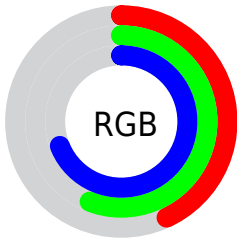
Format	Color
R_{YB}	110, 132, 175
Decimal	7245743
CIE _{Lab}	58.00, -3.36, -20.48
CIE _{LCh}	58, 20.757, 260.680
Yxy	25.9610, 0.2542, 0.2760
Android (android.graphics.Color)	4285435823 (0xFF6E8FAF)
YUV	136.7810, 18.8420, -23.4869
Hunter-Lab	50.9519, -5.4258, -15.7481

Details

The CIELCh color `58, 20.757, 260.680` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `61, 23.147, 70.044`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 20.750, 260.785`, and `38, 20.444, 260.114` is the 20% darker color. If you saturate the color by 10%, you get `55, 26.097, 263.098`, and if you desaturate by 10%, it is `62, 15.297, 258.646`.

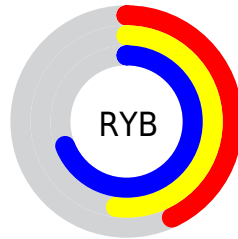
Distribution



Red (43%)

Green (56%)

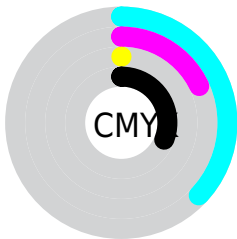
Blue (69%)



Red (43%)

Yellow (52%)

Blue (69%)

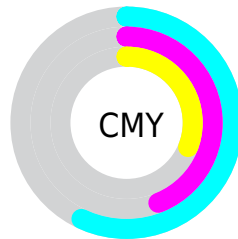


Cyan (37%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (57%)

Magenta (44%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 20.757, 260.680 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, 20.757, 260.680 by changing the saturation by 10% instead.


 58, 20.757,
260.680


 58, 20.757,
260.680


 100, 20.757,
260.680

 48, 20.757,
260.680


 78, 20.757,
260.680

 38, 20.757,
260.680

 88, 20.757,
260.680

 28, 20.757,
260.680

 98, 20.757,
260.680

 18, 20.757,
260.680

 8, 20.757, 260.680

 0, 20.757, 260.680

■ 58, 20.757,
260.680

■ 58, 20.757,
260.680

■ 55, 26.097,
263.098

■ 62, 15.297,
258.646

■ 51, 31.319,
265.963

■ 65, 9.737, 256.945

■ 69, 4.096, 255.549

■ 48, 36.440,
269.311

■ 72, 1.600, 74.032

■ 45, 41.510,
273.147

■ 76, 7.330, 73.155

■ 42, 46.607,
277.406

■ 80, 13.073, 72.281

■ 83, 18.814, 71.515

■ 39, 51.827,
281.899

■ 87, 24.537, 70.845

■ 38, 53.343,
283.093

■ 90, 27.387, 78.076

Harmonies

Complementary

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



58, 20.757, 260.680



61, 23.147, 70.044

Rectangle

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



58, 20.757, 260.680



58, 20.757, 310.680



58, 20.757, 80.680



58, 20.757, 130.680

Sweetspot

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



58, 20.756, 260.678



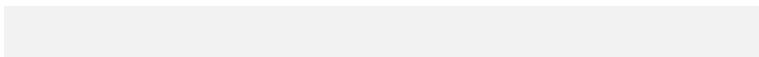
85, 7.735, 256.069



66, 30.312, 159.245



45, 5.235, 256.253



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 20.756, 260.678



70, 30.822, 262.733



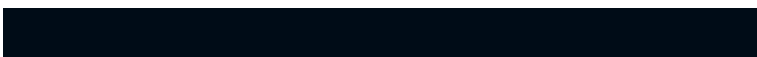
49, 37.516, 294.351



35, 3.202, 255.816



33, 47.215, 282.496



3, 7.334, 263.858

Inverse Universe

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



54, 31.397, 346.770



65, 46.750, 347.857



70, 34.286, 105.918



34, 4.668, 343.947



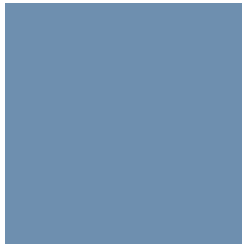
32, 57.334, 0.526



2, 9.178, 348.384

Previews

White Background



This preview shows how the CIELCh color 58, 20.757, 260.680 looks on a white background.

Color Contrast Check

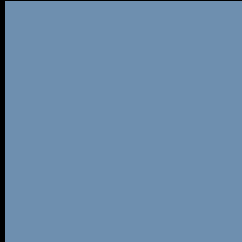
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.757, 260.680 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

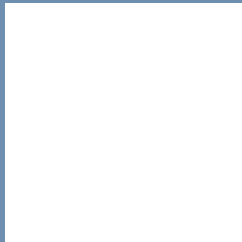
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 20.757, 260.680

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.757, 260.680.

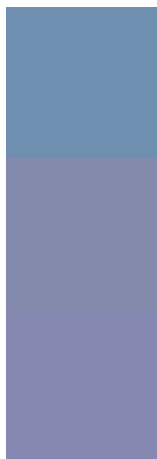


This preview shows how white text looks on a background with the CIELCh color 58, 20.757, 260.680.

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, 20.757, 260.680

Protanopia

58, 18.868, 284.887

Deuteranopia

58, 22.785, 290.179



Tritanopia
58, 15.256, 222.610

Trichromacy



Original Color
58, 20.757, 260.680

Protanomaly
58, 18.909, 274.325

Deuteranomaly
58, 21.932, 281.064

Tritanomaly
58, 16.150, 238.074

Monochromacy



Original Color
58, 20.757, 260.680

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.052, 257.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.757, 260.680 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(110, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(110, 143, 175)  
}
```

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(110, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 143, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.757, 260.680 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(110, 143, 175) }
```

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

```
.border{ border-color:rgb(110, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 143, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 143, 175); box-shadow:4px 4px 4px 4px rgb(110, 143, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.757, 260.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 143, 175) }
```

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

```
.background{ background-color: rgb(110,  
143, 175) }
```

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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