

Converting Colors

CIELCh(58, 25.006, 267.757)

Have a look what the booklet for
CIELCh(58, 25.006, 267.757)
contains.

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Color

CIELCh(58, 25.110, 268.025)

Conversions

Conversions Part 1

Format	Color
Hex	6D8EB7
RGB	109, 142, 183
RGB Percent	43%, 56%, 72%
CMY	0.5731, 0.4437, 0.2829
CMYK	0.40, 0.22, 0.00, 0.28
HSL	213°, 34%, 57%
HSV	213°, 40%, 72%
XYZ	24.4748, 25.9610, 48.4426
YIQ	136.8070, -32.8290, 5.7550

Conversions

Conversions Part 2

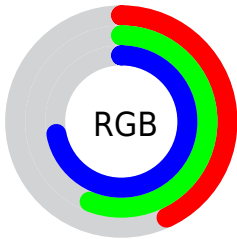
Format	Color
R _Y B	109, 132, 183
Decimal	7179959
CIE Lab	58.00, -0.87, -25.10
CIE LCh	58, 25.110, 268.025
Yxy	25.9610, 0.2475, 0.2626
Android (android.graphics.Color)	4285370039 (0xFF6D8EB7)
YUV	136.8070, 22.7731, -24.3867
Hunter-Lab	50.9519, -3.4231, -20.7037

Details

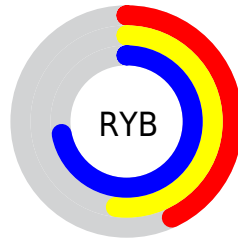
The CIELCh color `58, 25.110, 268.025` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `64, 27.087, 75.784`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 24.897, 267.393`, and `38, 25.129, 268.338` is the 20% darker color. If you saturate the color by 10%, you get `54, 31.256, 270.581`, and if you desaturate by 10%, it is `62, 18.935, 265.852`.

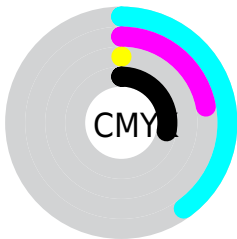
Distribution



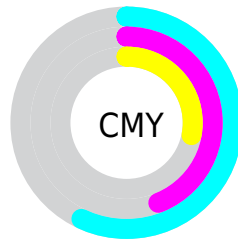
- Red (43%)
- Green (56%)
- Blue (72%)



- Red (43%)
- Yellow (52%)
- Blue (72%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (28%)





- Cyan (57%)
- Magenta (44%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 25.110, 268.025 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, 25.110, 268.025 by changing the saturation by 10% instead.


 58, 25.110,
268.025

 58, 25.110,
268.025


 100, 25.110,
268.025


 48, 25.110,
268.025


 78, 25.110,
268.025

 38, 25.110,
268.025

 88, 25.110,
268.025

 28, 25.110,
268.025

 98, 25.110,
268.025

 18, 25.110,
268.025

 8, 25.110, 268.025

 0, 25.110, 268.025

■ 58, 25.110,
268.025

■ 58, 25.110,
268.025

■ 54, 31.256,
270.581

■ 62, 18.935,
265.852

■ 50, 37.393,
273.566

■ 66, 12.734,
264.014

■ 47, 43.556,
276.992

■ 70, 6.517, 262.469

■ 43, 49.804,
280.827

■ 74, 0.296, 262.113

■ 78, 5.913, 79.887

■ 40, 56.199,
284.960

■ 82, 12.096, 78.924

■ 37, 62.481,
288.891

■ 86, 18.241, 78.072

■ 91, 24.306, 77.442

■ 93, 27.145, 89.751

Harmonies

Complementary

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



58, 25.110, 268.025



64, 27.087, 75.784

Rectangle

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



58, 25.110, 268.025



58, 25.110, 318.025



58, 25.110, 88.025



58, 25.110, 138.025

Sweetspot

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



58, 25.109, 268.024



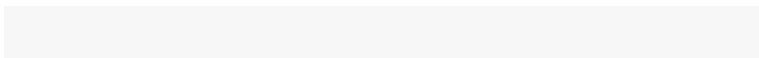
88, 9.230, 262.716



69, 32.263, 162.379



46, 6.171, 262.907



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 25.109, 268.024



69, 37.494, 270.402



49, 43.453, 297.024



37, 3.540, 262.313



31, 54.726, 288.324



3, 10.733, 271.352

Inverse Universe

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



55, 34.248, 350.937



66, 50.905, 352.346



73, 39.194, 108.608



36, 4.699, 347.426



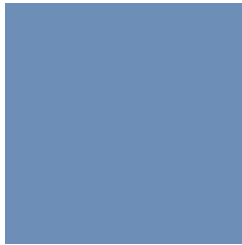
33, 58.360, 6.494



2, 11.867, 353.859

Previews

White Background



This preview shows how the CIELCh color 58, 25.110, 268.025 looks on a white background.

Color Contrast Check

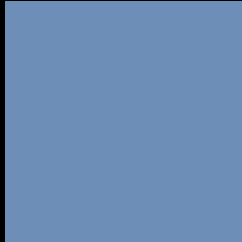
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.110, 268.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

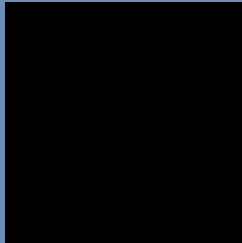
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.110, 268.025

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.110, 268.025.

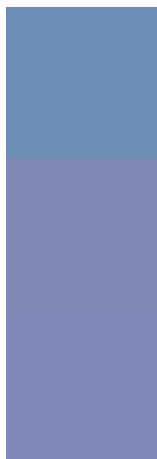


This preview shows how white text looks on a background with the CIELCh color 58, 25.110, 268.025.

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, 25.110, 268.025

Protanopia

58, 24.571, 285.889

Deuteranopia

58, 26.813, 286.813



Tritanopia
58, 16.250, 223.195

Trichromacy



Original Color
58, 25.110, 268.025

Protanomaly
58, 24.398, 278.787

Deuteranomaly
58, 26.032, 280.010

Tritanomaly
58, 18.244, 244.735

Monochromacy



Original Color
58, 25.110, 268.025

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.501, 263.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.110, 268.025 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(109, 142, 183)` looks like.

```
.text, #text, p{  
    color:rgb(109, 142, 183)  
}
```

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(109, 142, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 142, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.110, 268.025 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(109, 142, 183) }
```

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

```
.border{ border-color:rgb(109, 142, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 142, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 142, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 142, 183);  
box-shadow:4px 4px 4px 4px rgb(109, 142,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.110, 268.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 142, 183) }
```

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

```
.background{ background-color: rgb(109,  
142, 183) }
```

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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