

Converting Colors

CIELCh(58, 25.642, 293.085)

Have a look what the booklet for
CIELCh(58, 25.642, 293.085)
contains.

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Color

CIELCh(58, 25.642, 293.085)

Conversions

Conversions Part 1

Format	Color
Hex	8787B4
RGB	135, 135, 180
RGB Percent	53%, 53%, 71%
CMY	0.4687, 0.4688, 0.2922
CMYK	0.25, 0.25, 0.00, 0.29
HSL	240°, 23%, 62%
HSV	240°, 25%, 71%
XYZ	27.0828, 25.9610, 47.0229
YIQ	140.1300, -14.4450, 13.9950

Conversions

Conversions Part 2

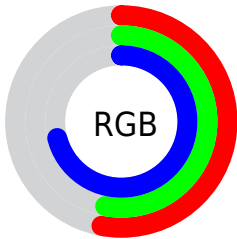
Format	Color
RYB	135, 135, 180
Decimal	8882100
CIELab	58.00, 10.05, -23.59
CIELCh	58, 25.642, 293.085
Yxy	25.9610, 0.2706, 0.2594
Android (android.graphics.Color)	4287072180 (0xFF8787B4)
YUV	140.1300, 19.6559, -4.4990
Hunter-Lab	50.9519, 5.7134, -19.0516

Details

The CIELCh color $58, 25.642, 293.085$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 24.190, 107.800$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 25.775, 293.231$, and $38, 25.893, 293.391$ is the 20% darker color. If you saturate the color by 10%, you get $52, 36.686, 294.614$, and if you desaturate by 10%, it is $64, 15.051, 291.781$.

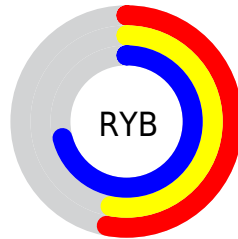
Distribution



Red (53%)

Green (53%)

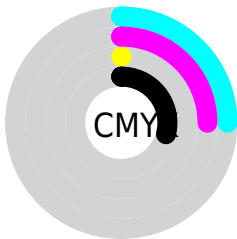
Blue (71%)



Red (53%)

Yellow (53%)

Blue (71%)

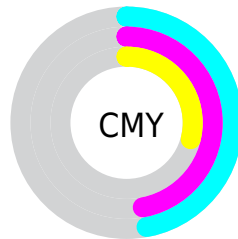


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (47%)


Magenta (47%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.642, 293.085 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, 25.642, 293.085 by changing the saturation by 10% instead.


 58, 25.642,
293.085


 58, 25.642,
293.085


 100, 25.642,
293.085


 48, 25.642,
293.085


 78, 25.642,
293.085

 38, 25.642,
293.085

 88, 25.642,
293.085

 28, 25.642,
293.085

 98, 25.642,
293.085

 18, 25.642,
293.085

 8, 25.642, 293.085

 0, 25.642, 293.085

■ 58, 25.642,
293.085

■ 58, 25.642,
293.085

■ 52, 36.686,
294.614

■ 64, 15.051,
291.781

■ 46, 48.197,
296.388

■ 70, 4.888, 290.681

■ 77, 4.881, 109.717

■ 40, 60.117,
298.395

■ 83, 14.285,
108.924

■ 34, 72.219,
300.565

■ 89, 23.351,
108.242

■ 29, 83.900,
302.727

■ 95, 32.103,
107.657

■ 25, 93.944,
304.592

■ 98, 37.407,
107.325

■ 22, 100.689,
305.827

■ 21, 103.234,

Harmonies

Complementary

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



58, 25.642, 293.085



72, 24.190, 107.800

Rectangle

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



58, 25.642, 293.085



58, 25.642, 343.085



58, 25.642, 113.085



58, 25.642, 163.085

Sweetspot

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



58, 25.641, 293.084



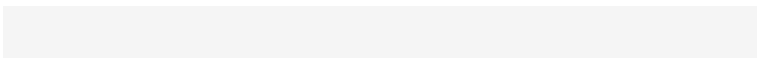
88, 8.593, 290.903



70, 15.655, 198.169



46, 5.585, 290.964



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 25.641, 293.084



70, 38.609, 293.906



60, 26.824, 310.245



34, 5.590, 291.137



17, 91.389, 306.288



1, 13.317, 290.183

Inverse Universe

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



62, 30.124, 325.785



76, 44.759, 326.078



71, 25.927, 127.934



35, 6.750, 324.929



36, 78.916, 328.240



3, 16.259, 324.447

Previews

White Background



This preview shows how the CIELCh color 58, 25.642, 293.085 looks on a white background.

Color Contrast Check

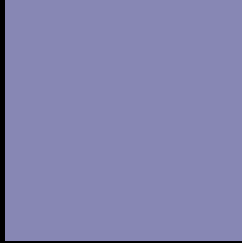
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.642, 293.085 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, 25.642, 293.085

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.642, 293.085.



This preview shows how white text looks on a background with the CIELCh color 58, 25.642, 293.085.

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

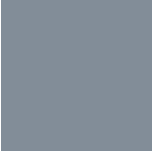
58, 25.642, 293.085

Protanopia

58, 25.169, 284.631

Deuteranopia

58, 24.493, 288.197



Tritanopia
58, 7.377, 257.372

Trichromacy



Original Color
58, 25.642, 293.085

Protanomaly
58, 25.078, 287.626

Deuteranomaly
58, 25.048, 290.689

Tritanomaly
58, 13.260, 280.723

Monochromacy



Original Color
58, 25.642, 293.085

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 9.096, 291.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.642, 293.085 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(135, 135, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 180)  
}
```

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(135, 135, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.642, 293.085 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(135, 135, 180) }
```

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

```
.border{ border-color:rgb(135, 135, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 135, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 135, 180); box-shadow:4px 4px 4px 4px rgb(135, 135, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.642, 293.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 180) }
```

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

```
.background{ background-color: rgb(135,  
135, 180) }
```

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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