

Converting Colors

CIELCh(58, 25.899, 259.971)

Have a look what the booklet for
CIELCh(58, 25.899, 259.971)
contains.

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Color

CIELCh(58, 25.565, 259.538)

Conversions

Conversions Part 1

Format	Color
Hex	6390B7
RGB	99, 144, 183
RGB Percent	39%, 56%, 72%
CMY	0.6123, 0.4358, 0.2829
CMYK	0.46, 0.21, 0.00, 0.28
HSL	208°, 37%, 55%
HSV	208°, 46%, 72%
XYZ	23.6134, 25.9610, 48.4854
YIQ	134.9910, -39.3390, 2.5890

Conversions

Conversions Part 2

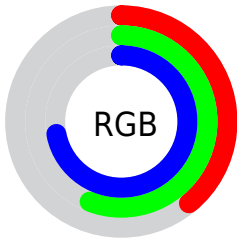
Format	Color
R _Y B	99, 128, 183
Decimal	6525111
CIE Lab	58.00, -4.64, -25.14
CIE LCh	58, 25.565, 259.538
Yxy	25.9610, 0.2408, 0.2647
Android (android.graphics.Color)	4284715191 (0xFF6390B7)
YUV	134.9910, 23.6684, -31.5641
Hunter-Lab	50.9519, -6.4410, -20.7535

Details

The CIELCh color **58, 25.565, 259.538** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **61, 30.080, 66.094**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 25.505, 258.799**, and **38, 25.564, 259.264** is the 20% darker color. If you saturate the color by 10%, you get **55, 30.699, 262.350**, and if you desaturate by 10%, it is **61, 20.255, 257.179**.

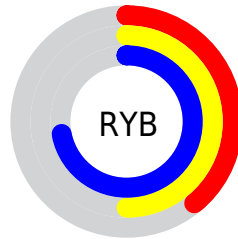
Distribution



Red (39%)

Green (56%)

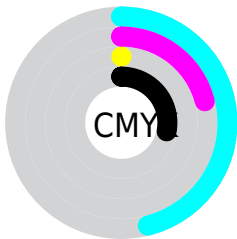
Blue (72%)



Red (39%)

Yellow (50%)

Blue (72%)

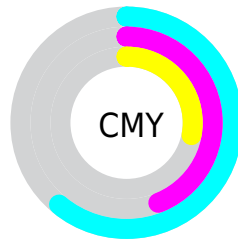


Cyan (46%)

Magenta (21%)

Yellow (0%)

Black (28%)



Cyan (61%)


Magenta (44%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.565, 259.538 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, 25.565, 259.538 by changing the saturation by 10% instead.


 58, 25.565,
259.538


 58, 25.565,
259.538


 100, 25.565,
259.538


 48, 25.565,
259.538


 78, 25.565,
259.538

 38, 25.565,
259.538

 88, 25.565,
259.538

 28, 25.565,
259.538

 98, 25.565,
259.538

 18, 25.565,
259.538

 8, 25.565, 259.538

 0, 25.565, 259.538

■ 58, 25.565,
259.538

■ 58, 25.565,
259.538

■ 55, 30.699,
262.350

■ 61, 20.255,
257.179

■ 51, 35.670,
265.668

■ 65, 14.782,
255.212

■ 48, 40.524,
269.507

■ 69, 9.169, 253.578

■ 45, 45.342,
273.823

■ 72, 3.445, 252.264

■ 76, 2.361, 70.835

■ 43, 50.233,
278.468

■ 80, 8.222, 69.960

■ 41, 52.289,
280.287

■ 83, 14.113, 69.136

■ 87, 20.015, 68.418

■ 90, 23.781, 73.769

Harmonies

Complementary

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



58, 25.565, 259.538



61, 30.080, 66.094

Rectangle

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



58, 25.565, 259.538



58, 25.565, 309.538



58, 25.565, 79.538



58, 25.565, 129.538

Sweetspot

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



58, 25.564, 259.537



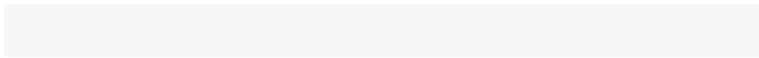
88, 9.965, 253.330



68, 39.471, 156.515



46, 6.922, 253.645



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, 25.564, 259.537



70, 37.288, 262.343



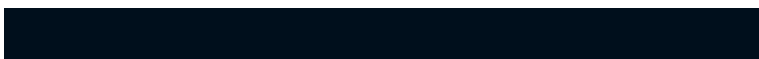
47, 47.191, 294.712



37, 3.289, 252.668



35, 45.863, 279.643



4, 9.878, 264.291

Inverse Universe

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



53, 40.652, 346.253



63, 59.088, 347.647



72, 42.243, 103.517



36, 4.988, 342.473



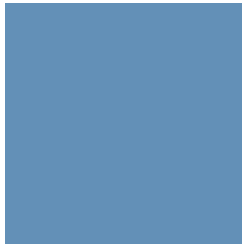
33, 59.136, 358.082



3, 12.469, 348.728

Previews

White Background



This preview shows how the CIELCh color 58, 25.565, 259.538 looks on a white background.

Color Contrast Check

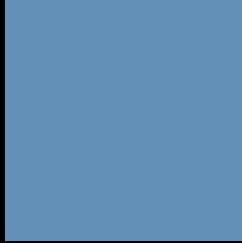
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.565, 259.538 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

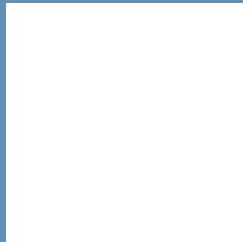
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 25.565, 259.538

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.565, 259.538.



This preview shows how white text looks on a background with the CIELCh color 58, 25.565, 259.538.

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, 25.565, 259.538

Protanopia

58, 23.451, 285.376

Deuteranopia

58, 26.843, 286.127



Tritanopia
58, 19.407, 218.624

Trichromacy



Original Color
58, 25.565, 259.538

Protanomaly
58, 24.151, 275.442

Deuteranomaly
58, 26.291, 277.371

Tritanomaly
58, 20.431, 236.296

Monochromacy



Original Color
58, 25.565, 259.538

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.755, 254.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.565, 259.538 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(99, 144, 183)` looks like.

```
.text, #text, p{  
    color:rgb(99, 144, 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(99, 144, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 144, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.565, 259.538 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(99, 144, 183) }
```

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

```
.border{ border-color:rgb(99, 144, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 144, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 144, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 144, 183);  
box-shadow:4px 4px 4px 4px rgb(99, 144,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.565, 259.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 144, 183) }
```

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

```
.background{ background-color: rgb(99, 144,  
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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