

Converting Colors

CIELCh(58, 22.569, 265.579)

Have a look what the booklet for
CIELCh(58, 22.569, 265.579)
contains.

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Color

CIELCh(58, 22.417, 265.669)

Conversions

Conversions Part 1

Format	Color
Hex	6F8EB2
RGB	111, 142, 178
RGB Percent	44%, 56%, 70%
CMY	0.5645, 0.4429, 0.3017
CMYK	0.38, 0.20, 0.00, 0.30
HSL	212°, 30%, 57%
HSV	212°, 38%, 70%
XYZ	24.2843, 25.9610, 45.8792
YIQ	136.8350, -30.0320, 4.6240

Conversions

Conversions Part 2

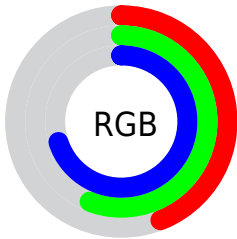
Format	Color
R_{YB}	111, 132, 178
Decimal	7311026
CIE _{Lab}	58.00, -1.69, -22.35
CIE _{LCh}	58, 22.417, 265.669
Yxy	25.9610, 0.2526, 0.2701
Android (android.graphics.Color)	4285501106 (0xFF6F8EB2)
YUV	136.8350, 20.2943, -22.6573
Hunter-Lab	50.9519, -4.0905, -17.7208

Details

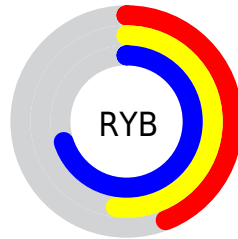
The CIELCh color `58, 22.417, 265.669` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 24.300, 74.545`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 22.315, 265.424`, and `38, 22.333, 265.093` is the 20% darker color. If you saturate the color by 10%, you get `54, 28.268, 268.112`, and if you desaturate by 10%, it is `62, 16.512, 263.599`.

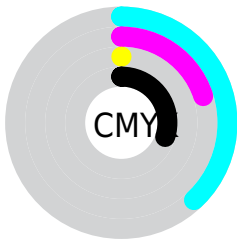
Distribution



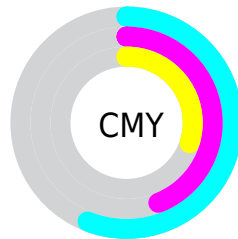
- Red (44%)
- Green (56%)
- Blue (70%)



- Red (44%)
- Yellow (52%)
- Blue (70%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (44%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 22.417, 265.669 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, 22.417, 265.669 by changing the saturation by 10% instead.

 58, 22.417,
265.669

 58, 22.417,
265.669

 100, 22.417,
265.669

 48, 22.417,
265.669

 78, 22.417,
265.669


 38, 22.417,
265.669

 88, 22.417,
265.669

 28, 22.417,
265.669

 98, 22.417,
265.669

 18, 22.417,
265.669

 8, 22.417, 265.669

 0, 22.417, 265.669

■ 58, 22.417,
265.669

■ 58, 22.417,
265.669

■ 54, 28.268,
268.112

■ 62, 16.512,
263.599

■ 51, 34.076,
270.979

■ 66, 10.562,
261.854

■ 47, 39.867,
274.300

■ 70, 4.581, 260.403

■ 44, 45.694,
278.060

■ 74, 1.416, 78.846

■ 77, 7.410, 77.934

■ 40, 51.625,
282.179

■ 81, 13.387, 77.012

■ 37, 57.726,
286.448

■ 85, 19.335, 76.201

■ 89, 25.242, 75.487

■ 37, 59.211,
287.396

■ 92, 27.918, 85.915

Harmonies

Complementary

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



58, 22.417, 265.669



63, 24.300, 74.545

Rectangle

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



58, 22.417, 265.669



58, 22.417, 315.669



58, 22.417, 85.669



58, 22.417, 135.669

Sweetspot

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



58, 22.416, 265.668



87, 8.185, 260.884



68, 29.886, 161.813



46, 5.543, 261.076



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, 22.416, 265.668



70, 33.149, 267.629



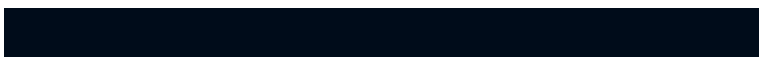
50, 39.296, 296.060



36, 3.406, 260.626



31, 52.298, 286.839



3, 9.092, 268.936

Inverse Universe

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



55, 31.450, 349.514



66, 46.489, 350.636



71, 35.760, 108.104



35, 4.641, 346.458



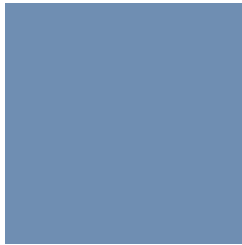
32, 57.690, 4.832



2, 10.392, 351.934

Previews

White Background



This preview shows how the CIELCh color 58, 22.417, 265.669 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, 22.417, 265.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

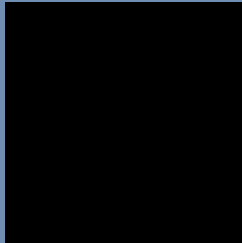
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

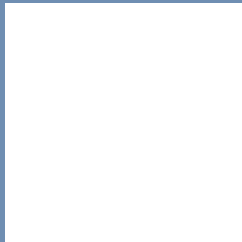
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 22.417, 265.669

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.417, 265.669.

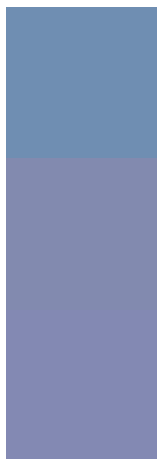


This preview shows how white text looks on a background with the CIELCh color 58, 22.417, 265.669.

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, 22.417, 265.669

Protanopia

58, 21.147, 285.105

Deuteranopia

58, 23.930, 288.008



Tritanopia
58, 14.976, 223.117

Trichromacy



Original Color
58, 22.417, 265.669

Protanomaly
58, 21.546, 278.061

Deuteranomaly
58, 23.119, 280.211

Tritanomaly
58, 16.562, 242.194

Monochromacy



Original Color
58, 22.417, 265.669

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.353, 261.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.417, 265.669 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(111, 142, 178)` looks like.

```
.text, #text, p{  
    color:rgb(111, 142, 178)  
}
```

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(111, 142, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 142, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.417, 265.669 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(111, 142, 178) }
```

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

```
.border{ border-color:rgb(111, 142, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 142, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 142, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 142, 178);  
box-shadow:4px 4px 4px 4px rgb(111, 142,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.417, 265.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 142, 178) }
```

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

```
.background{ background-color: rgb(111,  
142, 178) }
```

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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