

Converting Colors

CIELCh(58, 25.666, 267.000)

Have a look what the booklet for
CIELCh(58, 25.666, 267.000)
contains.

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Color

CIELCh(58, 25.820, 267.503)

Conversions

Conversions Part 1

Format	Color
Hex	6B8EB8
RGB	107, 142, 184
RGB Percent	42%, 56%, 72%
CMY	0.5801, 0.4429, 0.2781
CMYK	0.42, 0.23, 0.00, 0.28
HSL	213°, 35%, 57%
HSV	213°, 42%, 72%
XYZ	24.4150, 25.9610, 49.1123
YIQ	136.3230, -34.3420, 5.6420

Conversions

Conversions Part 2

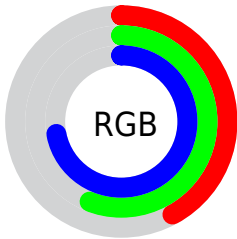
Format	Color
R _Y B	107, 131, 184
Decimal	7048888
CIE Lab	58.00, -1.12, -25.80
CIE LCh	58, 25.820, 267.503
Yxy	25.9610, 0.2454, 0.2609
Android (android.graphics.Color)	4285238968 (0xFF6B8EB8)
YUV	136.3230, 23.5048, -25.7163
Hunter-Lab	50.9519, -3.6328, -21.4830

Details

The CIELCh color `58, 25.820, 267.503` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `64, 28.101, 74.773`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 25.594, 266.765`, and `38, 25.925, 267.609` is the 20% darker color. If you saturate the color by 10%, you get `54, 31.901, 270.125`, and if you desaturate by 10%, it is `62, 19.698, 265.276`.

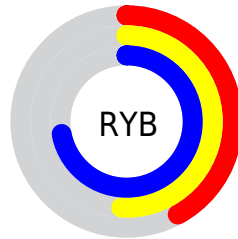
Distribution



Red (42%)

Green (56%)

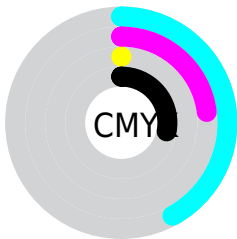
Blue (72%)



Red (42%)

Yellow (51%)

Blue (72%)

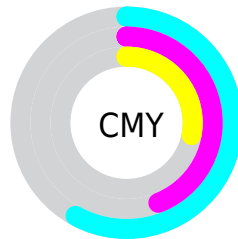


Cyan (42%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 25.820, 267.503 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, 25.820, 267.503 by changing the saturation by 10% instead.

■ 58, 25.820,
267.503

■ 58, 25.820,
267.503

■ 100, 25.820,
267.503

■ 48, 25.820,
267.503

■ 78, 25.820,
267.503

■ 38, 25.820,
267.503

■ 88, 25.820,
267.503

■ 28, 25.820,
267.503

■ 98, 25.820,
267.503

■ 18, 25.820,
267.503

■ 8, 25.820, 267.503

■ 0, 25.820, 267.503

■ 58, 25.820,
267.503

■ 58, 25.820,
267.503

■ 54, 31.901,
270.125

■ 62, 19.698,
265.276

■ 50, 37.961,
273.184

■ 66, 13.537,
263.393

■ 47, 44.039,
276.692

■ 70, 7.347, 261.810

■ 43, 50.198,
280.607

■ 74, 1.143, 260.677

■ 78, 5.058, 79.174

■ 40, 56.503,
284.810

■ 82, 11.243, 78.202

■ 37, 61.807,
288.205

■ 86, 17.396, 77.339

■ 90, 23.507, 76.581

■ 93, 26.356, 88.746

Harmonies

Complementary

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



58, 25.820, 267.503



64, 28.101, 74.773

Rectangle

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



58, 25.820, 267.503



58, 25.820, 317.503



58, 25.820, 87.503



58, 25.820, 137.503

Sweetspot

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



58, 25.819, 267.502



88, 10.003, 262.013



69, 33.925, 161.285



46, 6.993, 262.345



97, 0.011, 296.813



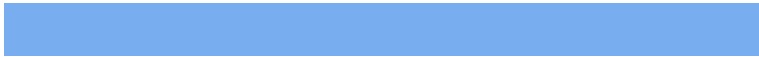
50, 0.007, 296.813

Same Dimension

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



58, 25.819, 267.502



70, 38.149, 269.845



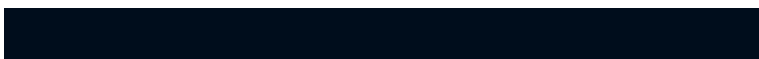
49, 45.289, 296.767



37, 3.512, 261.461



31, 53.847, 287.608



3, 10.651, 270.768

Inverse Universe

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



55, 35.735, 350.596



66, 52.532, 351.963



73, 40.651, 107.732



36, 4.725, 346.930



33, 58.369, 5.680



2, 11.917, 353.380

Previews

White Background



This preview shows how the CIELCh color 58, 25.820, 267.503 looks on a white background.

Color Contrast Check

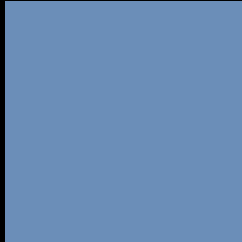
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.820, 267.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

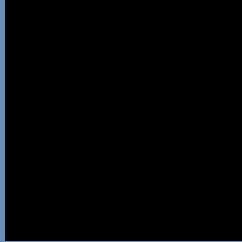
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

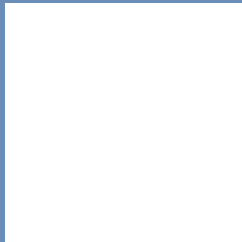
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 25.820, 267.503

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.820, 267.503.



This preview shows how white text looks on a background with the CIELCh color 58, 25.820, 267.503.

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, 25.820, 267.503

Protanopia

58, 25.164, 285.392

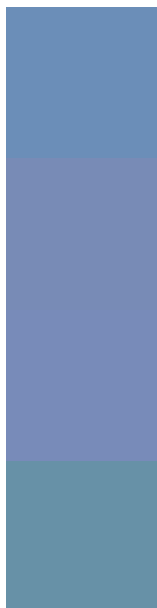
Deuteranopia

58, 27.402, 286.356



Tritanopia
58, 16.910, 219.944

Trichromacy



Original Color
58, 25.820, 267.503

Protanomaly
58, 25.007, 278.507

Deuteranomaly
58, 26.637, 279.734

Tritanomaly
58, 18.309, 241.893

Monochromacy



Original Color
58, 25.820, 267.503

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.673, 261.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.820, 267.503 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(107, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 184)  
}
```

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(107, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.820, 267.503 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(107, 142, 184) }
```

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

```
.border{ border-color:rgb(107, 142, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 142, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 142, 184); box-shadow:4px 4px 4px 4px rgb(107, 142, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.820, 267.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 184) }
```

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

```
.background{ background-color: rgb(107,  
142, 184) }
```

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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