

Converting Colors

CIELCh(58, 25.654, 267.895)

Have a look what the booklet for
CIELCh(58, 25.654, 267.895)
contains.

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Color

CIELCh(58, 25.713, 268.093)

Conversions

Conversions Part 1

Format	Color
Hex	6C8EB8
RGB	108, 142, 184
RGB Percent	42%, 56%, 72%
CMY	0.5768, 0.4435, 0.2788
CMYK	0.41, 0.23, 0.00, 0.28
HSL	213°, 35%, 57%
HSV	213°, 41%, 72%
XYZ	24.4771, 25.9610, 49.0195
YIQ	136.6220, -33.7460, 5.8540

Conversions

Conversions Part 2

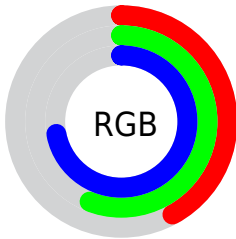
Format	Color
R _Y B	108, 131, 184
Decimal	7114424
CIE Lab	58.00, -0.86, -25.70
CIE LCh	58, 25.713, 268.093
Yxy	25.9610, 0.2461, 0.2610
Android (android.graphics.Color)	4285304504 (0xFF6C8EB8)
YUV	136.6220, 23.3574, -25.1015
Hunter-Lab	50.9519, -3.4152, -21.3750

Details

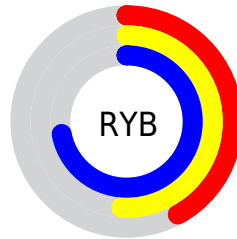
The CIELCh color `58, 25.713, 268.093` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `64, 27.813, 75.531`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 25.481, 267.378`, and `38, 25.835, 268.106` is the 20% darker color. If you saturate the color by 10%, you get `54, 31.871, 270.688`, and if you desaturate by 10%, it is `62, 19.525, 265.887`.

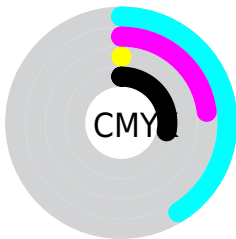
Distribution



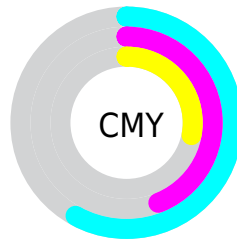
- Red (42%)
- Green (56%)
- Blue (72%)



- Red (42%)
- Yellow (51%)
- Blue (72%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)





- Cyan (58%)
- Magenta (44%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.713, 268.093 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, 25.713, 268.093 by changing the saturation by 10% instead.


 58, 25.713,
268.093


 58, 25.713,
268.093


 100, 25.713,
268.093


 48, 25.713,
268.093


 78, 25.713,
268.093


 38, 25.713,
268.093


 88, 25.713,
268.093

 28, 25.713,
268.093

 98, 25.713,
268.093

 18, 25.713,
268.093

 8, 25.713, 268.093

 0, 25.713, 268.093

■ 58, 25.713,
268.093

■ 58, 25.713,
268.093

■ 54, 31.871,
270.688

■ 62, 19.525,
265.887

■ 50, 38.019,
273.714

■ 66, 13.309,
264.021

■ 47, 44.195,
277.184

■ 70, 7.073, 262.451

■ 43, 50.460,
281.057

■ 74, 0.831, 261.422

■ 40, 56.876,
285.216

■ 78, 5.401, 79.834

■ 37, 62.608,
288.795

■ 82, 11.610, 78.863

■ 87, 17.783, 78.002

■ 91, 23.898, 77.284

■ 93, 26.749, 89.834

Harmonies

Complementary

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



58, 25.713, 268.093



64, 27.813, 75.531

Rectangle

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



58, 25.713, 268.093



58, 25.713, 318.093



58, 25.713, 88.093



58, 25.713, 138.093

Sweetspot

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



58, 25.712, 268.092



89, 9.298, 262.578



69, 33.055, 162.270



46, 6.163, 262.767



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, 25.712, 268.092



70, 38.513, 270.553



49, 44.661, 297.165



37, 3.535, 262.174



31, 54.581, 288.207



3, 10.720, 271.257

Inverse Universe

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



55, 35.153, 350.971



66, 52.361, 352.428



73, 40.170, 108.535



36, 4.704, 347.344



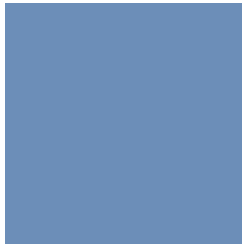
33, 58.361, 6.360



2, 11.875, 353.781

Previews

White Background



This preview shows how the CIELCh color 58, 25.713, 268.093 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, 25.713, 268.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

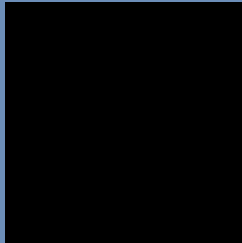
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

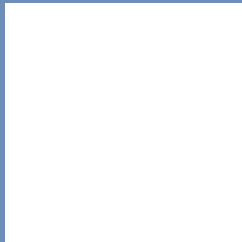
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 25.713, 268.093

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.713, 268.093.



This preview shows how white text looks on a background with the CIELCh color 58, 25.713, 268.093.

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, 25.713, 268.093

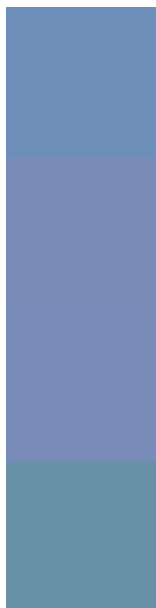
Protanopia
58, 25.132, 286.132

Deuteranopia
58, 27.402, 286.356



Tritanopia
58, 16.636, 220.343

Trichromacy



Original Color
58, 25.713, 268.093

Protanomaly
58, 24.942, 279.211

Deuteranomaly
58, 26.637, 279.734

Tritanomaly
58, 18.098, 242.543

Monochromacy



Original Color
58, 25.713, 268.093

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.661, 261.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.713, 268.093 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(108, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 142, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.713, 268.093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

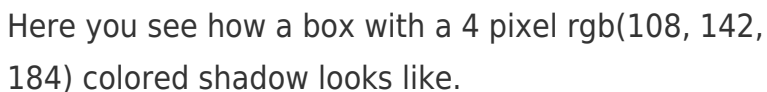
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 142, 184) }
```

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

```
.border{ border-color:rgb(108, 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(108, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 142, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 142, 184); box-shadow:4px 4px 4px 4px rgb(108, 142, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.713, 268.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 142, 184) }
```

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

```
.background{ background-color: rgb(108,  
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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