

Converting Colors

CIELCh(59, 25.587, 288.535)

Have a look what the booklet for
CIELCh(59, 25.587, 288.535)
contains.

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Color

CIELCh(59, 25.554, 288.513)

Conversions

Conversions Part 1

Format	Color
Hex	858BB8
RGB	133, 139, 184
RGB Percent	52%, 55%, 72%
CMY	0.4773, 0.4538, 0.2773
CMYK	0.28, 0.24, 0.00, 0.28
HSL	233°, 27%, 62%
HSV	233°, 28%, 72%
XYZ	27.6723, 27.0277, 49.2665
YIQ	142.3360, -18.0210, 12.7230

Conversions

Conversions Part 2

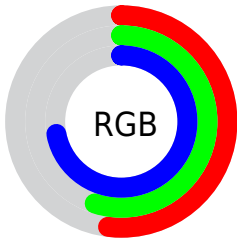
Format	Color
R _Y B	133, 138, 184
Decimal	8752056
CIE Lab	59.00, 8.11, -24.23
CIE LCh	59, 25.554, 288.513
Yxy	27.0277, 0.2662, 0.2600
Android (android.graphics.Color)	4286942136 (0xFF858BB8)
YUV	142.3360, 20.5404, -8.1877
Hunter-Lab	51.9882, 4.0327, -19.7942

Details

The CIELCh color **59, 25.554, 288.513** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **72, 24.355, 101.981**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 25.693, 288.807**, and **39, 25.771, 288.774** is the 20% darker color. If you saturate the color by 10%, you get **53, 35.436, 290.232**, and if you desaturate by 10%, it is **65, 16.034, 287.042**.

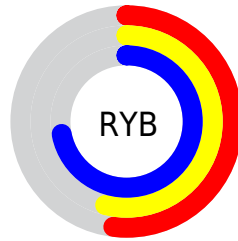
Distribution



Red (52%)

Green (55%)

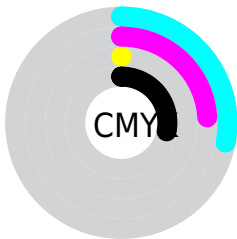
Blue (72%)



Red (52%)

Yellow (54%)

Blue (72%)

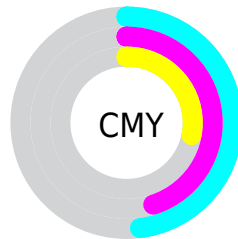


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (28%)



Cyan (48%)


Magenta (45%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 25.554, 288.513 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 59, 25.554, 288.513 by changing the saturation by 10% instead.


 59, 25.554,
288.513


 59, 25.554,
288.513


 100, 25.554,
288.513


 49, 25.554,
288.513


 79, 25.554,
288.513

 39, 25.554,
288.513

 89, 25.554,
288.513

 29, 25.554,
288.513

 99, 25.554,
288.513

 19, 25.554,
288.513

 9, 25.554, 288.513

 0, 25.554, 288.513

■ 59, 25.554,
288.513

■ 59, 25.554,
288.513

■ 53, 35.436,
290.232

■ 65, 16.034,
287.042

■ 48, 45.708,
292.228

■ 71, 6.850, 285.794

■ 76, 2.025, 104.650

■ 42, 56.368,
294.504

■ 82, 10.612,
103.770

■ 37, 67.330,
297.017

■ 88, 18.932,
102.978

■ 32, 78.305,
299.645

■ 93, 26.998,
102.288

■ 28, 88.619,
302.163

■ 98, 34.653,
106.328

■ 24, 97.145,
304.251

■ 99, 35.532,
107.470

■ 24, 98.760,

304.616

Harmonies

Complementary

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



59, 25.554, 288.513



72, 24.355, 101.981

Rectangle

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



59, 25.554, 288.513



59, 25.554, 338.513



59, 25.554, 108.513



59, 25.554, 158.513

Sweetspot

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



59, 25.553, 288.512



89, 8.842, 285.846



71, 18.289, 186.183



46, 6.295, 286.021



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 25.553, 288.512



71, 38.129, 289.490



59, 29.803, 305.903



36, 5.051, 285.986



19, 86.400, 304.375



1, 14.056, 286.602

Inverse Universe

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



61, 20.952, 12.528



74, 31.425, 13.362



72, 28.366, 122.838



36, 4.045, 10.450



32, 67.321, 34.239



2, 10.738, 12.293

Previews

White Background



This preview shows how the CIE LCh color 59, 25.554, 288.513 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 59, 25.554, 288.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

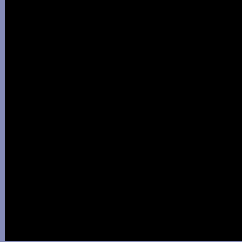
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.554, 288.513

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.554, 288.513.



This preview shows how white text looks on a background with the CIELCh color 59, 25.554, 288.513.

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

59, 25.554, 288.513

Protanopia

59, 25.627, 285.567

Deuteranopia

59, 25.554, 288.513



Tritanopia
59, 9.065, 247.871

Trichromacy



Original Color
59, 25.554, 288.513

Protanomaly
59, 25.595, 286.291

Deuteranomaly
59, 25.554, 288.513

Tritanomaly
59, 14.238, 272.860

Monochromacy



Original Color
59, 25.554, 288.513

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.110, 284.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.554, 288.513 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(133, 139, 184)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 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(133, 139, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.554, 288.513 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(133, 139, 184) }
```

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

```
.border{ border-color:rgb(133, 139, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 184);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.554, 288.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 184) }
```

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

```
.background{ background-color: rgb(133,  
139, 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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