

Converting Colors

CIELCh(59, 54.028, 297.169)

Have a look what the booklet for
CIELCh(59, 54.028, 297.169)
contains.

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Color

CIELCh(59, 54.410, 297.180)

Conversions

Conversions Part 1

Format	Color
Hex	8783E3
RGB	135, 131, 227
RGB Percent	53%, 51%, 89%
CMY	0.4696, 0.4854, 0.1088
CMYK	0.40, 0.42, 0.00, 0.11
HSL	243°, 63%, 70%
HSV	243°, 42%, 89%
XYZ	32.0813, 27.0277, 76.3874
YIQ	143.1400, -28.4320, 30.7040

Conversions

Conversions Part 2

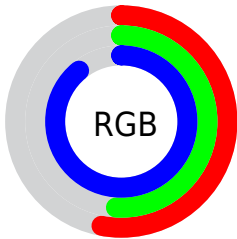
Format	Color
RYB	135, 131, 227
Decimal	8881123
CIELab	59.00, 24.85, -48.40
CIElCh	59, 54.410, 297.180
Yxy	27.0277, 0.2368, 0.1995
Android (android.graphics.Color)	4287071203 (0xFF8783E3)
YUV	143.1400, 41.3430, -7.1388
Hunter-Lab	51.9882, 19.1707, -50.7243

Details

The CIELCh color **59, 54.410, 297.180** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **88, 48.685, 108.039**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 38.276, 297.347**, and **39, 54.201, 296.949** is the 20% darker color. If you saturate the color by 10%, you get **52, 68.654, 298.990**, and if you desaturate by 10%, it is **66, 40.662, 295.585**.

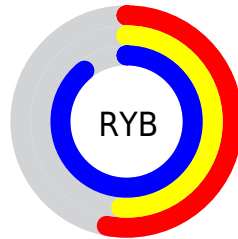
Distribution



Red (53%)

Green (51%)

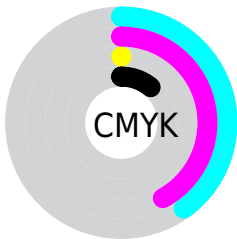
Blue (89%)



Red (53%)

Yellow (51%)

Blue (89%)

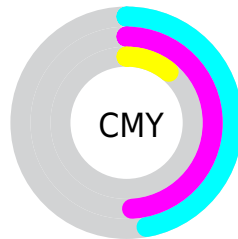


Cyan (40%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (47%)


Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.410, 297.180 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, 54.410, 297.180 by changing the saturation by 10% instead.

 59, 54.410,
297.180

 59, 54.410,
297.180

 100, 54.410,
297.180


 49, 54.410,
297.180

 79, 54.410,
297.180

 39, 54.410,
297.180

 89, 54.410,
297.180

 29, 54.410,
297.180

 99, 54.410,
297.180

 19, 54.410,
297.180

 9, 54.410, 297.180

 0, 54.410, 297.180

■ 59, 54.410,
297.180

■ 59, 54.410,
297.180

■ 52, 68.654,
298.990

■ 66, 40.662,
295.585

■ 45, 83.160,
300.958

■ 74, 27.469,
294.208

■ 39, 97.299,
302.943

■ 81, 14.820,
293.034

■ 33, 109.762,
304.690

■ 89, 2.680, 292.050

■ 30, 118.600,
305.877

■ 96, 8.988, 111.175

■ 28, 122.467,
306.383

■ 99, 14.036,
109.117

Harmonies

Complementary

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



59, 54.410, 297.180



88, 48.685, 108.039

Rectangle

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



59, 54.410, 297.180



59, 54.410, 347.180



59, 54.410, 117.180



59, 54.410, 167.180

Sweetspot

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



59, 54.409, 297.180



89, 17.290, 293.124



84, 28.662, 200.905



46, 12.153, 293.372



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 54.409, 297.180



59, 73.437, 298.814



63, 56.021, 312.263



44, 6.886, 292.739



21, 102.175, 306.416



2, 33.750, 297.780

Inverse Universe

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



68, 59.048, 327.911



71, 76.858, 328.364



85, 52.946, 128.255



45, 8.073, 326.088



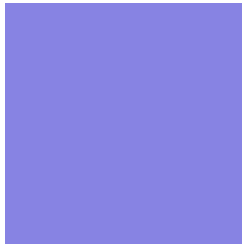
42, 85.580, 329.965



8, 36.094, 329.688

Previews

White Background



This preview shows how the CIELCh color 59, 54.410, 297.180 looks on a white background.

Color Contrast Check

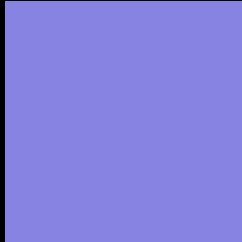
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 54.410, 297.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

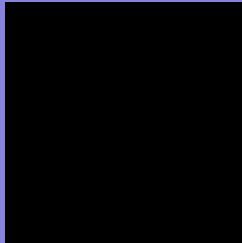
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 54.410, 297.180

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.410, 297.180.



This preview shows how white text looks on a background with the CIELCh color 59, 54.410, 297.180.

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





Tritanopia
59, 11.858, 233.865

Trichromacy



Original Color
59, 54.410, 297.180

Protanomaly
59, 54.338, 290.025

Deuteranomaly
59, 50.011, 286.807

Tritanomaly
59, 24.276, 279.452

Monochromacy



Original Color
59, 54.410, 297.180

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 19.874, 293.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.410, 297.180 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(135, 131, 227)` looks like.

```
.text, #text, p{  
    color:rgb(135, 131, 227)  
}
```

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(135, 131, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 131, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.410, 297.180 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(135, 131, 227) }
```

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

```
.border{ border-color:rgb(135, 131, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 131, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 131, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 131, 227); box-shadow:4px 4px 4px 4px rgb(135, 131, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.410, 297.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 131, 227) }
```

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

```
.background{ background-color: rgb(135,  
131, 227) }
```

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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