

Converting Colors

CIELCh(59, 54.571, 300.549)

Have a look what the booklet for
CIELCh(59, 54.571, 300.549)
contains.

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Color

CIELCh(59, 54.635, 300.572)

Conversions

Conversions Part 1

Format	Color
Hex	9081E1
RGB	144, 129, 225
RGB Percent	56%, 51%, 88%
CMY	0.4357, 0.4945, 0.1180
CMYK	0.36, 0.43, 0.00, 0.12
HSL	249°, 61%, 69%
HSV	249°, 43%, 88%
XYZ	32.8994, 27.0277, 74.6450
YIQ	144.4290, -21.8760, 33.0360

Conversions

Conversions Part 2

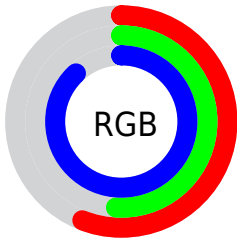
Format	Color
RYB	144, 129, 225
Decimal	9470433
CIELab	59.00, 27.79, -47.04
CIElCh	59, 54.635, 300.572
Yxy	27.0277, 0.2445, 0.2008
Android (android.graphics.Color)	4287660513 (0xFF9081E1)
YUV	144.4290, 39.7215, -0.3762
Hunter-Lab	51.9882, 21.9799, -48.7372

Details

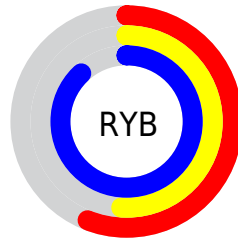
The CIELCh color $59, 54.635, 300.572$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $87, 49.115, 113.168$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 39.740, 301.950$, and $39, 54.284, 300.357$ is the 20% darker color. If you saturate the color by 10%, you get $52, 68.619, 301.939$, and if you desaturate by 10%, it is $66, 41.034, 299.338$.

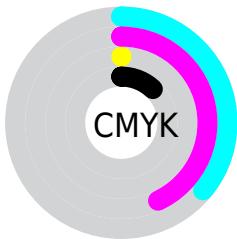
Distribution



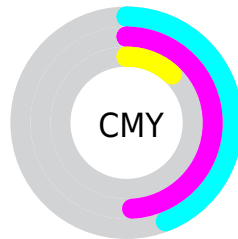
- Red (56%)
- Green (51%)
- Blue (88%)



- Red (56%)
- Yellow (51%)
- Blue (88%)



- Cyan (36%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)





- Cyan (44%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.635, 300.572 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, 54.635, 300.572 by changing the saturation by 10% instead.

 59, 54.635,
300.572

 59, 54.635,
300.572

 100, 54.635,
300.572


 49, 54.635,
300.572


 79, 54.635,
300.572

 39, 54.635,
300.572

 89, 54.635,
300.572

 29, 54.635,
300.572

 99, 54.635,
300.572

 19, 54.635,
300.572

 9, 54.635, 300.572

 0, 54.635, 300.572

■ 59, 54.635,
300.572

■ 59, 54.635,
300.572

■ 52, 68.619,
301.939

■ 66, 41.034,
299.338

■ 45, 82.714,
303.387

■ 73, 27.919,
298.252

■ 39, 96.296,
304.798

■ 80, 15.306,
297.309

■ 34, 108.193,
305.975

■ 88, 3.181, 296.498

■ 31, 116.746,
306.663

■ 95, 8.483, 115.798

■ 29, 120.591,
306.859

■ 99, 15.228,
109.027

Harmonies

Complementary

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



59, 54.635, 300.572



87, 49.115, 113.168

Rectangle

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



59, 54.635, 300.572



59, 54.635, 350.572



59, 54.635, 120.572



59, 54.635, 170.572

Sweetspot

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



59, 54.634, 300.572



90, 17.389, 297.345



80, 25.951, 215.112



46, 12.220, 297.544



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, 54.634, 300.572



60, 73.399, 301.752



64, 56.991, 315.978



43, 6.800, 297.032



21, 100.246, 306.948



2, 31.909, 299.601

Inverse Universe

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



67, 54.720, 331.708



71, 71.185, 332.273



84, 54.814, 132.071



44, 7.320, 329.586



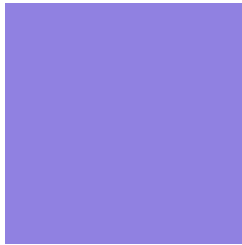
40, 77.472, 335.575



7, 32.326, 334.190

Previews

White Background



This preview shows how the CIELCh color 59, 54.635, 300.572 looks on a white background.

Color Contrast Check

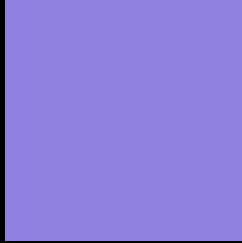
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.635, 300.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

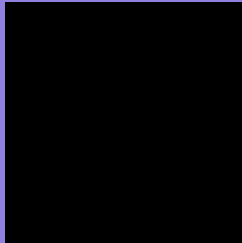
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 54.635, 300.572

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.635, 300.572.



This preview shows how white text looks on a background with the CIELCh color 59, 54.635, 300.572.

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, 8.617, 251.422

Trichromacy



Original Color
59, 54.635, 300.572

Protanomaly
59, 54.325, 291.117

Deuteranomaly
59, 48.810, 288.241

Tritanomaly
59, 23.850, 288.767

Monochromacy



Original Color
59, 54.635, 300.572

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 19.403, 297.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.635, 300.572 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(144, 129, 225)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 225)  
}
```

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(144, 129, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.635, 300.572 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(144, 129, 225) }
```

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

```
.border{ border-color:rgb(144, 129, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 225);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.635, 300.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 225) }
```

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

```
.background{ background-color: rgb(144,  
129, 225) }
```

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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