

Converting Colors

CIELCh(59, 45.390, 298.922)

Have a look what the booklet for
CIELCh(59, 45.390, 298.922)
contains.

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Color

CIELCh(59, 45.551, 298.955)

Conversions

Conversions Part 1

Format	Color
Hex	8E84D4
RGB	142, 132, 212
RGB Percent	56%, 52%, 83%
CMY	0.4429, 0.4821, 0.1684
CMYK	0.33, 0.38, 0.00, 0.17
HSL	248°, 48%, 67%
HSV	248°, 38%, 83%
XYZ	31.3130, 27.0277, 65.8902
YIQ	144.1100, -19.7200, 27.0000

Conversions

Conversions Part 2

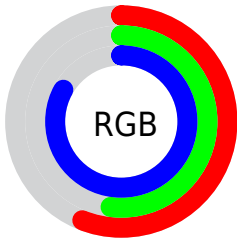
Format	Color
RYB	142, 132, 212
Decimal	9340116
CIELab	59.00, 22.05, -39.86
CIELCh	59, 45.551, 298.955
Yxy	27.0277, 0.2521, 0.2176
Android (android.graphics.Color)	4287530196 (0xFF8E84D4)
YUV	144.1100, 33.4698, -1.8505
Hunter-Lab	51.9882, 16.5328, -38.7528

Details

The CIELCh color `59, 45.551, 298.955` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `83, 41.511, 112.154`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `78, 37.853, 299.774`, and `39, 45.264, 298.895` is the 20% darker color. If you saturate the color by 10%, you get `52, 58.742, 300.356`, and if you desaturate by 10%, it is `66, 32.810, 297.716`.

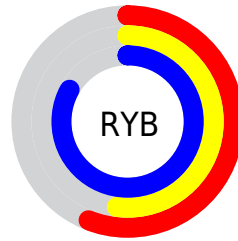
Distribution



Red (56%)

Green (52%)

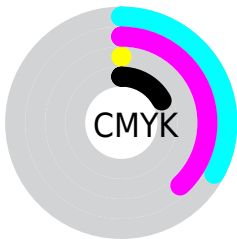
Blue (83%)



Red (56%)

Yellow (52%)

Blue (83%)

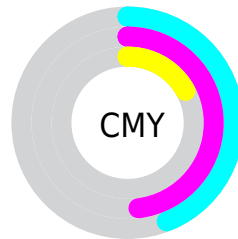


Cyan (33%)

Magenta (38%)

Yellow (0%)

Black (17%)



Cyan (44%)


Magenta (48%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 45.551, 298.955 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, 45.551, 298.955 by changing the saturation by 10% instead.


 59, 45.551,
298.955


 59, 45.551,
298.955


 100, 45.551,
298.955


 49, 45.551,
298.955


 79, 45.551,
298.955

 39, 45.551,
298.955

 89, 45.551,
298.955

 29, 45.551,
298.955

 99, 45.551,
298.955

 19, 45.551,
298.955

 9, 45.551, 298.955

 0, 45.551, 298.955

■ 59, 45.551,
298.955

■ 59, 45.551,
298.955

■ 52, 58.742,
300.356

■ 66, 32.810,
297.716

■ 46, 72.236,
301.890

■ 73, 20.560,
296.639

■ 39, 85.642,
303.475

■ 80, 8.791, 295.713

■ 34, 98.122,
304.947

■ 86, 2.522, 114.909

■ 30, 108.245,
306.058

■ 93, 13.408,
114.234

■ 27, 114.526,
306.590

■ 99, 21.710,
110.120

■ 27, 115.665,
306.698

■ 99, 21.696,
108.534

Harmonies

Complementary

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



59, 45.551, 298.955



83, 41.511, 112.154

Rectangle

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



59, 45.551, 298.955



59, 45.551, 348.955



59, 45.551, 118.955



59, 45.551, 168.955

Sweetspot

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



59, 45.550, 298.955



91, 14.626, 296.011



77, 22.936, 210.558



48, 9.853, 296.136



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, 45.550, 298.955



64, 64.056, 300.028



63, 47.721, 314.700



41, 6.530, 295.860



20, 98.360, 306.768



2, 27.721, 297.157

Inverse Universe

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



66, 47.399, 330.300



74, 64.965, 330.770



80, 45.914, 131.273



42, 7.201, 328.571



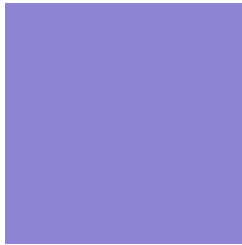
39, 77.660, 333.892



6, 30.069, 332.573

Previews

White Background



This preview shows how the CIELCh color 59, 45.551, 298.955 looks on a white background.

Color Contrast Check

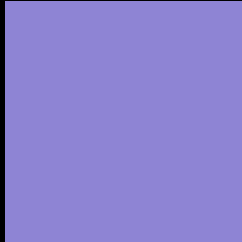
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.551, 298.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

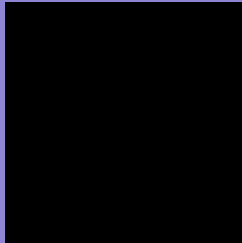
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 45.551, 298.955

Background



This preview shows how black text looks on a background with the CIELCh color 59, 45.551, 298.955.



This preview shows how white text looks on a background with the CIELCh color 59, 45.551, 298.955.

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, 45.551, 298.955

Protanopia

59, 44.947, 285.954

Deuteranopia

59, 39.562, 282.116



Tritanopia
59, 7.974, 250.719

Trichromacy



Original Color
59, 45.551, 298.955

Protanomaly
59, 45.339, 290.667

Deuteranomaly
59, 41.412, 288.494

Tritanomaly
59, 20.471, 286.660

Monochromacy



Original Color
59, 45.551, 298.955

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 16.499, 295.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 45.551, 298.955 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(142, 132, 212)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 212)  
}
```

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(142, 132, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 45.551, 298.955 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(142, 132, 212) }
```

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

```
.border{ border-color:rgb(142, 132, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 212);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 45.551, 298.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 212) }
```

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

```
.background{ background-color: rgb(142,  
132, 212) }
```

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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