

Converting Colors

CIELCh(59, 42.657, 297.318)

Have a look what the booklet for
CIELCh(59, 42.657, 297.318)
contains.

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Color

CIELCh(59, 42.605, 297.295)

Conversions

Conversions Part 1

Format	Color
Hex	8C86D0
RGB	140, 134, 208
RGB Percent	55%, 53%, 82%
CMY	0.4529, 0.4764, 0.1824
CMYK	0.33, 0.36, 0.00, 0.18
HSL	245°, 45%, 67%
HSV	245°, 36%, 82%
XYZ	30.6338, 27.0277, 63.5854
YIQ	144.2300, -20.1780, 24.2860

Conversions

Conversions Part 2

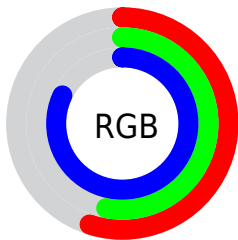
Format	Color
RYB	140, 134, 208
Decimal	9209552
CIELab	59.00, 19.54, -37.86
CIElCh	59, 42.605, 297.295
Yxy	27.0277, 0.2527, 0.2229
Android (android.graphics.Color)	4287399632 (0xFF8C86D0)
YUV	144.2300, 31.4386, -3.7097
Hunter-Lab	51.9882, 14.2010, -36.1243

Details

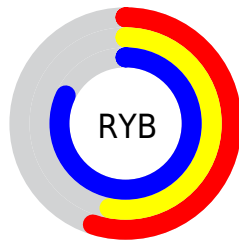
The CIELCh color $59, 42.605, 297.295$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $82, 38.964, 110.288$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 36.578, 297.375$, and $39, 42.222, 297.502$ is the 20% darker color. If you saturate the color by 10%, you get $52, 55.570, 298.821$, and if you desaturate by 10%, it is $66, 30.123, 295.962$.

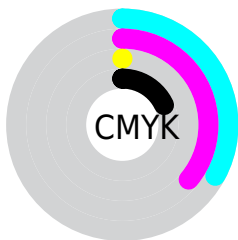
Distribution



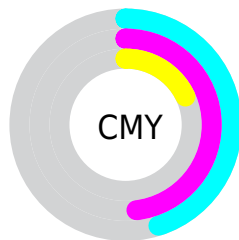
- Red (55%)
- Green (53%)
- Blue (82%)



- Red (55%)
- Yellow (53%)
- Blue (82%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)





- Cyan (45%)
- Magenta (48%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 42.605, 297.295 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, 42.605, 297.295 by changing the saturation by 10% instead.


 59, 42.605,
297.295

 59, 42.605,
297.295


 100, 42.605,
297.295

 49, 42.605,
297.295


 79, 42.605,
297.295

 39, 42.605,
297.295

 89, 42.605,
297.295

 29, 42.605,
297.295

 99, 42.605,
297.295

 19, 42.605,
297.295

 9, 42.605, 297.295

 0, 42.605, 297.295

■ 59, 42.605,
297.295

■ 59, 42.605,
297.295

■ 52, 55.570,
298.821

■ 66, 30.123,
295.962

■ 46, 68.917,
300.519

■ 73, 18.143,
294.813

■ 39, 82.326,
302.314

■ 80, 6.641, 293.834

■ 34, 95.049,
304.047

■ 86, 4.411, 112.982

■ 29, 105.709,
305.457

■ 93, 15.046,
112.271

■ 27, 112.570,
306.260

■ 99, 23.493,
108.748

■ 26, 114.550,
306.505

■ 99, 23.492,
108.397

Harmonies

Complementary

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



59, 42.605, 297.295



82, 38.964, 110.288

Rectangle

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



59, 42.605, 297.295



59, 42.605, 347.295



59, 42.605, 117.295



59, 42.605, 167.295

Sweetspot

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



59, 42.604, 297.295



91, 14.591, 294.321



78, 22.691, 204.641



47, 9.830, 294.457



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, 42.604, 297.295



65, 60.935, 298.429



62, 44.454, 313.009



40, 6.386, 294.154



20, 97.598, 306.557



2, 25.621, 295.238

Inverse Universe

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



66, 46.020, 328.719



75, 64.220, 329.141



79, 42.590, 129.707



41, 7.285, 327.178



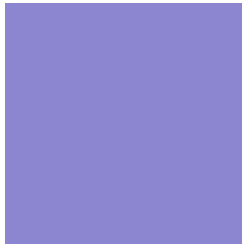
39, 79.561, 331.657



5, 29.275, 330.568

Previews

White Background



This preview shows how the CIELCh color 59, 42.605, 297.295 looks on a white background.

Color Contrast Check

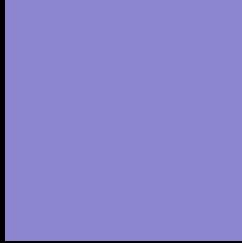
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.605, 297.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

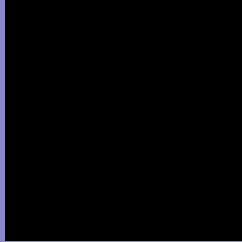
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 42.605, 297.295

Background



This preview shows how black text looks on a background with the CIELCh color 59, 42.605, 297.295.



This preview shows how white text looks on a background with the CIELCh color 59, 42.605, 297.295.

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

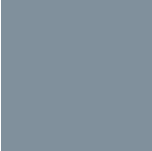
59, 42.048, 297.283

Protanopia

59, 42.143, 285.627

Deuteranopia

59, 37.801, 282.479



Tritanopia
59, 8.837, 249.598

Trichromacy



Original Color
59, 42.048, 297.283

Protanomaly
59, 41.955, 289.849

Deuteranomaly
59, 39.726, 288.411

Tritanomaly
59, 19.976, 284.467

Monochromacy



Original Color
59, 42.048, 297.283

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 15.345, 294.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 42.605, 297.295 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(140, 134, 208)` looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 208)  
}
```

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(140, 134, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 42.605, 297.295 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(140, 134, 208) }
```

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

```
.border{ border-color:rgb(140, 134, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 134, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 208);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 42.605, 297.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 208) }
```

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

```
.background{ background-color: rgb(140,  
134, 208) }
```

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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