

Converting Colors

CIELCh(59, 20.385, 286.159)

Have a look what the booklet for
CIELCh(59, 20.385, 286.159)
contains.

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Color

CIELCh(59, 20.471, 286.660)

Conversions

Conversions Part 1

Format	Color
Hex	868CB0
RGB	134, 140, 176
RGB Percent	53%, 55%, 69%
CMY	0.4739, 0.4503, 0.3091
CMYK	0.24, 0.20, 0.00, 0.31
HSL	231°, 21%, 61%
HSV	231°, 24%, 69%
XYZ	27.1137, 27.0277, 44.9518
YIQ	142.3100, -15.1320, 9.9240

Conversions

Conversions Part 2

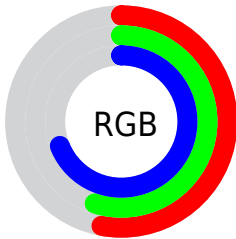
Format	Color
RYB	134, 139, 176
Decimal	8817840
CIELab	59.00, 5.87, -19.61
CIELCh	59, 20.471, 286.660
Yxy	27.0277, 0.2736, 0.2728
Android (android.graphics.Color)	4287007920 (0xFF868CB0)
YUV	142.3100, 16.6092, -7.2879
Hunter-Lab	51.9882, 2.1148, -14.8735

Details

The CIELCh color $59, 20.471, 286.660$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $69, 19.738, 101.040$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 20.888, 287.446$, and $39, 20.302, 286.227$ is the 20% darker color. If you saturate the color by 10%, you get $54, 29.564, 288.299$, and if you desaturate by 10%, it is $64, 11.690, 285.258$.

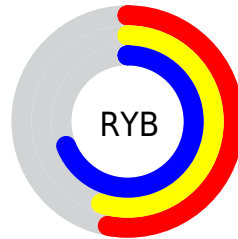
Distribution



Red (53%)

Green (55%)

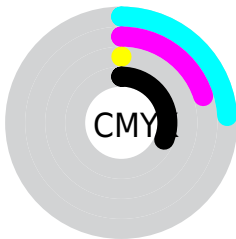
Blue (69%)



Red (53%)

Yellow (55%)

Blue (69%)

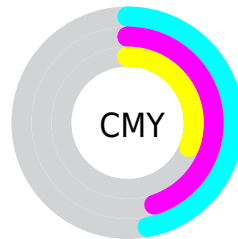


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 20.471, 286.660 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, 20.471, 286.660 by changing the saturation by 10% instead.

■ 59, 20.471,
286.660

■ 59, 20.471,
286.660

■ 100, 20.471,
286.660

■ 49, 20.471,
286.660

■ 79, 20.471,
286.660

■ 39, 20.471,
286.660

■ 89, 20.471,
286.660

■ 29, 20.471,
286.660

■ 99, 20.471,
286.660

■ 19, 20.471,
286.660

■ 9, 20.471, 286.660

■ 0, 20.471, 286.660

■ 59, 20.471,
286.660

■ 59, 20.471,
286.660

■ 54, 29.564,
288.299

■ 64, 11.690,
285.258

■ 48, 39.000,
290.209

■ 70, 3.199, 284.083

■ 75, 5.023, 102.992

■ 43, 48.795,
292.409

■ 81, 12.995,
102.117

■ 38, 58.929,
294.883

■ 86, 20.732,
101.349

■ 33, 69.269,
297.557

■ 91, 28.247,
100.679

■ 28, 79.439,
300.268

■ 96, 35.435,
101.655

■ 25, 88.664,
302.756

■ 98, 39.522,
107.162

■ 23, 93.445,

Harmonies

Complementary

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



59, 20.471, 286.660



69, 19.738, 101.040

Rectangle

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



59, 20.471, 286.660



59, 20.471, 336.660



59, 20.471, 106.660



59, 20.471, 156.660

Sweetspot

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



59, 20.470, 286.659



86, 7.254, 284.440



69, 15.461, 185.139



45, 4.712, 284.506



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 20.470, 286.659



72, 31.171, 287.556



59, 24.544, 305.068



35, 4.800, 284.698



20, 83.536, 303.749



1, 11.878, 285.301

Inverse Universe

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



60, 17.259, 10.069



73, 26.419, 10.818



70, 23.513, 122.403



35, 3.974, 8.451



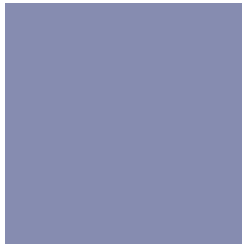
31, 65.381, 32.609



2, 9.292, 10.311

Previews

White Background



This preview shows how the CIELCh color 59, 20.471, 286.660 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, 20.471, 286.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

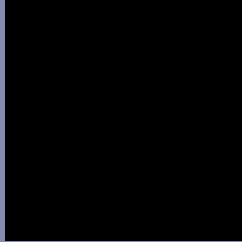
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 20.471, 286.660

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.471, 286.660.



This preview shows how white text looks on a background with the CIELCh color 59, 20.471, 286.660.

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, 20.471, 286.660

Protanopia

59, 20.500, 285.712

Deuteranopia

59, 20.994, 291.589



Tritanopia
59, 7.974, 250.719

Trichromacy



Original Color
59, 20.471, 286.660

Protanomaly
59, 20.500, 285.712

Deuteranomaly
59, 20.997, 290.645

Tritanomaly
59, 11.897, 272.034

Monochromacy



Original Color
59, 20.471, 286.660

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.399, 285.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.471, 286.660 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(134, 140, 176)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 176)  
}
```

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(134, 140, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.471, 286.660 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(134, 140, 176) }
```

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

```
.border{ border-color:rgb(134, 140, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 140, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 176);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.471, 286.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 140, 176) }
```

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

```
.background{ background-color: rgb(134,  
140, 176) }
```

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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