

Converting Colors

CIELCh(60, 20.107, 287.836)

Have a look what the booklet for
CIELCh(60, 20.107, 287.836)
contains.

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Color

CIELCh(60, 19.809, 287.347)

Conversions

Conversions Part 1

Format	Color
Hex	8A8FB2
RGB	138, 143, 178
RGB Percent	54%, 56%, 70%
CMY	0.4601, 0.4405, 0.3033
CMYK	0.23, 0.20, 0.00, 0.30
HSL	232°, 21%, 62%
HSV	232°, 23%, 70%
XYZ	28.2024, 28.1233, 45.8822
YIQ	145.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

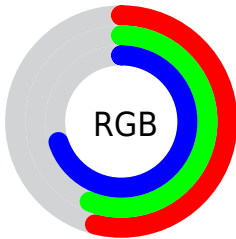
Format	Color
R_{YB}	138, 142, 178
Decimal	9080754
CIE Lab	60.00, 5.91, -18.91
CIE LCh	60, 19.809, 287.347
Yxy	28.1233, 0.2759, 0.2752
Android (android.graphics.Color)	4287270834 (0xFF8A8FB2)
YUV	145.4950, 16.0250, -6.5731
Hunter-Lab	53.0314, 2.1223, -14.1750

Details

The CIELCh color **60, 19.809, 287.347** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70, 19.092, 102.149**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 19.750, 287.043**, and **40, 19.560, 286.787** is the 20% darker color. If you saturate the color by 10%, you get **54, 29.124, 288.934**, and if you desaturate by 10%, it is **66, 10.822, 285.991**.

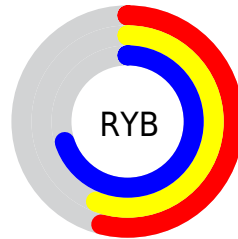
Distribution



Red (54%)

Green (56%)

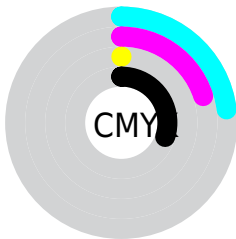
Blue (70%)



Red (54%)

Yellow (56%)

Blue (70%)

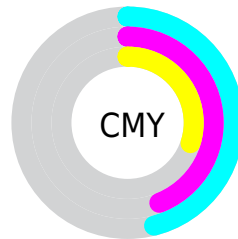


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (46%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 19.809, 287.347 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 60, 19.809, 287.347 by changing the saturation by 10% instead.

■ 60, 19.809,
287.347

■ 60, 19.809,
287.347

■ 100, 19.809,
287.347

■ 50, 19.809,
287.347

■ 80, 19.809,
287.347

■ 40, 19.809,
287.347

■ 90, 19.809,
287.347

■ 30, 19.809,
287.347

■ 20, 19.809,
287.347

■ 10, 19.809,
287.347

■ 0, 19.809, 287.347

■ 60, 19.809,

■ 60, 19.809,

287.347

■ 54, 29.124,
288.934

■ 49, 38.798,
290.787

■ 43, 48.848,
292.922

■ 38, 59.250,
295.328

■ 33, 69.861,
297.932

■ 29, 80.281,
300.571

■ 25, 89.687,
302.986

■ 23, 95.410,
304.407

287.347

■ 66, 10.822,
285.991

■ 71, 2.140, 284.869

■ 77, 6.260, 103.804

■ 82, 14.397,
102.955

■ 87, 22.288,
102.214

■ 93, 29.945,
101.567

■ 98, 37.175,
105.209

■ 98, 38.794,
107.218

Harmonies

Complementary

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



60, 19.809, 287.347



70, 19.092, 102.149

Rectangle

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



60, 19.809, 287.347



60, 19.809, 337.347



60, 19.809, 107.347



60, 19.809, 157.347

Sweetspot

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



60, 19.808, 287.345



87, 7.462, 285.350



70, 14.631, 186.639



46, 4.892, 285.417



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 19.808, 287.345



73, 29.784, 288.103



60, 23.328, 305.557



35, 4.894, 285.604



19, 84.779, 304.178



1, 12.051, 285.968

Inverse Universe

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



61, 16.303, 11.277



75, 24.644, 11.905



70, 22.428, 123.117



35, 3.957, 9.846



31, 66.137, 33.717



2, 9.263, 11.420

Previews

White Background



This preview shows how the CIELCh color 60, 19.809, 287.347 looks on a white background.

Color Contrast Check

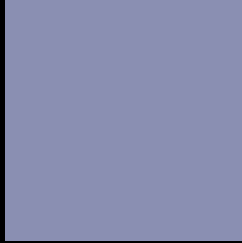
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 19.809, 287.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

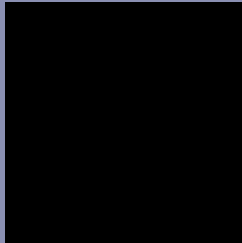
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

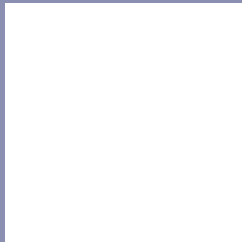
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 19.809, 287.347

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.809, 287.347.



This preview shows how white text looks on a background with the CIELCh color 60, 19.809, 287.347.

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

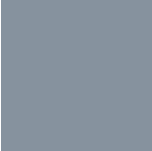
60, 19.809, 287.347

Protanopia

60, 19.865, 285.380

Deuteranopia

60, 20.951, 293.459



Tritanopia
60, 7.988, 257.484

Trichromacy



Original Color
60, 19.809, 287.347

Protanomaly
60, 19.835, 286.360

Deuteranomaly
60, 20.354, 290.478

Tritanomaly
60, 11.765, 273.635

Monochromacy



Original Color
60, 19.809, 287.347

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.371, 285.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.809, 287.347 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(138, 143, 178)` looks like.

```
.text, #text, p{  
    color:rgb(138, 143, 178)  
}
```

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(138, 143, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.809, 287.347 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(138, 143, 178) }
```

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

```
.border{ border-color:rgb(138, 143, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 143, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 178);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.809, 287.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 178) }
```

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

```
.background{ background-color: rgb(138,  
143, 178) }
```

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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