

Converting Colors

CIELCh(60, 8.154, 292.720)

Have a look what the booklet for
CIELCh(60, 8.154, 292.720) contains.

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Color

CIELCh(60, 8.499, 293.652)

Conversions

Conversions Part 1

Format	Color
Hex	908F9E
RGB	144, 143, 158
RGB Percent	56%, 56%, 62%
CMY	0.4345, 0.4385, 0.3796
CMYK	0.09, 0.09, 0.00, 0.38
HSL	244°, 7%, 59%
HSV	244°, 9%, 62%
XYZ	27.5738, 28.1233, 36.4101
YIQ	145.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

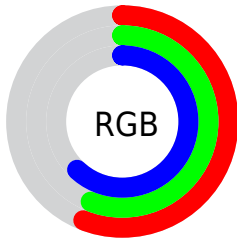
Format	Color
RYB	144, 143, 158
Decimal	9473950
CIELab	60.00, 3.41, -7.79
CIElCh	60, 8.499, 293.652
Yxy	28.1233, 0.2994, 0.3053
Android (android.graphics.Color)	4287664030 (0xFF908F9E)
YUV	145.0090, 6.4046, -0.8849
Hunter-Lab	53.0314, 0.0063, -3.5851

Details

The CIELCh color $60, 8.499, 293.652$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.315, 111.998$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 8.546, 293.323$, and $40, 8.562, 294.134$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.801, 294.685$, and if you desaturate by 10%, it is $65, 0.446, 112.680$.

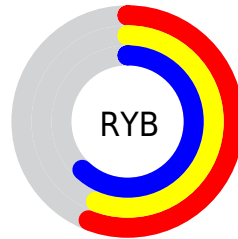
Distribution



Red (56%)

Green (56%)

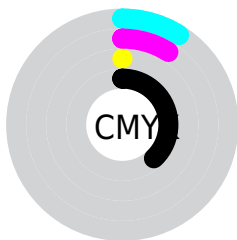
Blue (62%)



Red (56%)

Yellow (56%)

Blue (62%)

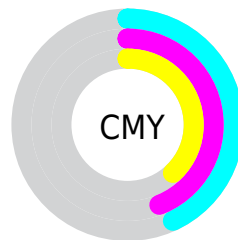


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (43%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 8.499, 293.652 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, 8.499, 293.652 by changing the saturation by 10% instead.

■ 60, 8.499, 293.652

■ 60, 8.499, 293.652

■ 100, 8.499,
293.652

■ 50, 8.499, 293.652

■ 80, 8.499, 293.652

■ 40, 8.499, 293.652

■ 90, 8.499, 293.652

■ 30, 8.499, 293.652

■ 20, 8.499, 293.652

■ 10, 8.499, 293.652

■ 0, 8.499, 293.652

■ 60, 8.499, 293.652

■ 60, 8.499, 293.652

■ 55, 17.801,
294.685

■ 65, 0.446, 112.680

■ 71, 9.053, 111.989

49, 27.489,
295.897

76, 17.348,
111.338

44, 37.573,
297.298

82, 25.353,
110.779

38, 48.032,
298.891

87, 33.088,
110.297

33, 58.757,
300.646

92, 40.569,
109.881

28, 69.441,
302.475

97, 47.815,
109.520

24, 79.404,
304.198

98, 48.224,
106.490

20, 87.469,
305.548

18, 93.016,
306.469

Harmonies

Complementary

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



60, 8.499, 293.652



65, 8.315, 111.998

Rectangle

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



60, 8.499, 293.652



60, 8.499, 343.652



60, 8.499, 113.652



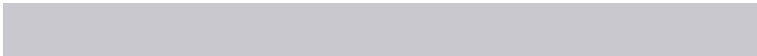
60, 8.499, 163.652

Sweetspot

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



60, 8.498, 293.647



81, 3.306, 293.068



64, 5.327, 203.530



43, 2.528, 293.133



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 8.498, 293.647



75, 12.288, 293.815



61, 9.063, 311.182



31, 5.062, 293.624



16, 86.519, 306.555



0, 6.515, 292.661

Inverse Universe

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



61, 9.790, 326.782



77, 14.124, 326.882



64, 8.954, 130.411



31, 5.833, 326.769



33, 71.306, 331.008



1, 7.513, 326.710

Previews

White Background



This preview shows how the CIELCh color 60, 8.499, 293.652 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, 8.499, 293.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

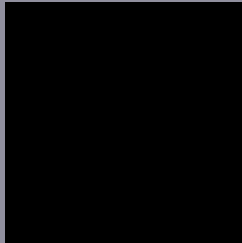
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

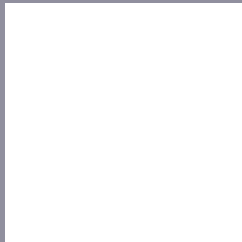
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 8.499, 293.652

Background



This preview shows how black text looks on a background with the CIELCh color 60, 8.499, 293.652.



This preview shows how white text looks on a background with the CIELCh color 60, 8.499, 293.652.

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, 8.499, 293.652

Protanopia

60, 7.913, 288.375

Deuteranopia

60, 11.040, 313.306



Tritanopia
60, 6.217, 290.885

Trichromacy



Original Color
60, 8.499, 293.652

Protanomaly
60, 7.913, 288.375

Deuteranomaly
60, 10.004, 306.445

Tritanomaly
60, 6.781, 290.947

Monochromacy



Original Color
60, 8.499, 293.652

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.421, 296.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 8.499, 293.652 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, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(144, 143, 158)  
}
```

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, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 143, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 8.499, 293.652 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, 143, 158) }
```

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

```
.border{ border-color:rgb(144, 143, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 143, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 143, 158);  
box-shadow:4px 4px 4px 4px rgb(144, 143,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 8.499, 293.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 143, 158) }
```

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

```
.background{ background-color: rgb(144,  
143, 158) }
```

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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