

Converting Colors

CIELCh(60, 8.521, 310.288)

Have a look what the booklet for
CIELCh(60, 8.521, 310.288) contains.

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Color

CIELCh(60, 8.385, 309.448)

Conversions

Conversions Part 1

Format	Color
Hex	958E9C
RGB	149, 142, 156
RGB Percent	58%, 56%, 61%
CMY	0.4158, 0.4432, 0.3883
CMYK	0.04, 0.09, 0.00, 0.39
HSL	270°, 7%, 58%
HSV	270°, 9%, 61%
XYZ	28.0559, 28.1233, 35.3889
YIQ	145.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

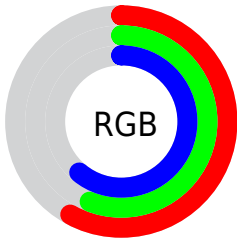
Format	Color
R_{YB}	149, 142, 156
Decimal	9801372
CIE _{Lab}	60.00, 5.33, -6.47
CIE _{LCh}	60, 8.385, 309.448
Yxy	28.1233, 0.3064, 0.3071
Android (android.graphics.Color)	4287991452 (0xFF958E9C)
YUV	145.6890, 5.0833, 2.9037
Hunter-Lab	53.0314, 1.6291, -2.4434

Details

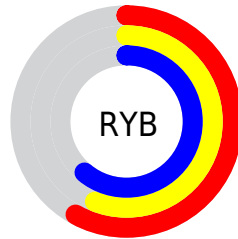
The CIELCh color $60, 8.385, 309.448$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.276, 128.691$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 7.912, 309.347$, and $40, 8.333, 308.255$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.968, 309.926$, and if you desaturate by 10%, it is $65, 0.935, 129.129$.

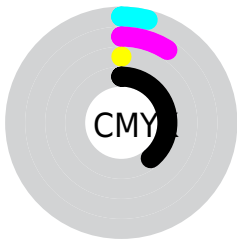
Distribution



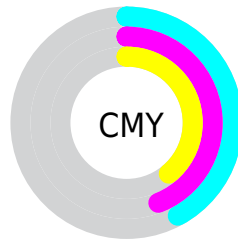
- Red (58%)
- Green (56%)
- Blue (61%)



- Red (58%)
- Yellow (56%)
- Blue (61%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 8.385, 309.448 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, 8.385, 309.448 by changing the saturation by 10% instead.

60, 8.385, 309.448

60, 8.385, 309.448

100, 8.385,
309.448

50, 8.385, 309.448

80, 8.385, 309.448

40, 8.385, 309.448

90, 8.385, 309.448

30, 8.385, 309.448

20, 8.385, 309.448

10, 8.385, 309.448

0, 8.385, 309.448

60, 8.385, 309.448

60, 8.385, 309.448

55, 17.968,
309.926

65, 0.935, 129.129

70, 9.976, 128.643

50, 27.783,
310.436

75, 18.740,
128.291

46, 37.759,
310.967

79, 27.233,
127.982

41, 47.763,
311.496

84, 35.468,
127.712

37, 57.567,
311.982

89, 43.455,
127.476

33, 66.803,
312.365

94, 51.210,
127.272

29, 74.942,
312.560

95, 52.296,
125.057

26, 81.329,
312.461

96, 51.363,
122.027

24, 85.850,
312.073

Harmonies

Complementary

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



60, 8.385, 309.448



63, 8.276, 128.691

Rectangle

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



60, 8.385, 309.448



60, 8.385, 359.448



60, 8.385, 129.448



60, 8.385, 179.448

Sweetspot

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



60, 8.383, 309.445



80, 3.464, 309.161



61, 4.625, 254.777



42, 2.621, 309.201



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 8.383, 309.445



75, 12.827, 309.551



61, 9.530, 324.447



31, 5.343, 309.458



21, 80.857, 312.129



1, 6.870, 308.158

Inverse Universe

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



60, 6.748, 344.328



76, 10.321, 344.530



63, 9.513, 143.519



31, 4.301, 344.353



30, 55.132, 1.030



1, 5.468, 345.054

Previews

White Background



This preview shows how the CIELCh color 60, 8.385, 309.448 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, 8.385, 309.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

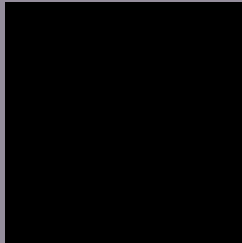
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

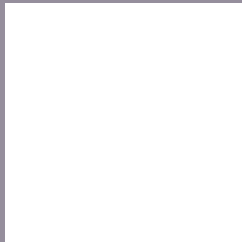
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 8.385, 309.448

Background



This preview shows how black text looks on a background with the CIELCh color 60, 8.385, 309.448.

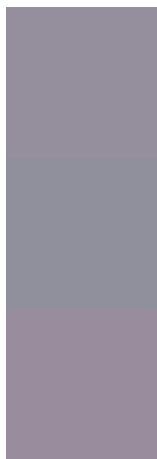


This preview shows how white text looks on a background with the CIELCh color 60, 8.385, 309.448.

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, 8.385, 309.448

Protanopia

60, 7.346, 291.009

Deuteranopia

60, 10.363, 319.614



Tritanopia
60, 7.325, 312.228

Trichromacy



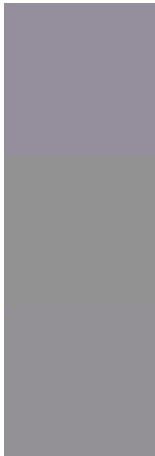
Original Color
60, 8.385, 309.448

Protanomaly
60, 8.014, 299.144

Deuteranomaly
60, 9.502, 317.160

Tritanomaly
60, 7.852, 310.740

Monochromacy



Original Color
60, 8.385, 309.448

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 2.938, 305.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 8.385, 309.448 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(149, 142, 156)` looks like.

```
.text, #text, p{  
    color:rgb(149, 142, 156)  
}
```

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(149, 142, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 142, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 8.385, 309.448 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(149, 142, 156) }
```

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

```
.border{ border-color:rgb(149, 142, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 142, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 142, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 142, 156);  
box-shadow:4px 4px 4px 4px rgb(149, 142,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 8.385, 309.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 142, 156) }
```

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

```
.background{ background-color: rgb(149,  
142, 156) }
```

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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