

Converting Colors

CIELCh(58, 15.403, 316.728)

Have a look what the booklet for
CIELCh(58, 15.403, 316.728)
contains.

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Color

CIELCh(58, 15.150, 316.616)

Conversions

Conversions Part 1

Format	Color
Hex	97869E
RGB	151, 134, 158
RGB Percent	59%, 53%, 62%
CMY	0.4092, 0.4758, 0.3817
CMYK	0.04, 0.15, 0.00, 0.38
HSL	282°, 11%, 57%
HSV	282°, 15%, 62%
XYZ	27.3197, 25.9610, 35.7632
YIQ	141.8190, 2.4280, 11.0680

Conversions

Conversions Part 2

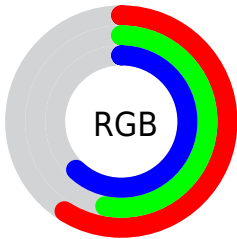
Format	Color
R_{YB}	151, 134, 158
Decimal	9930398
CIE _{Lab}	58.00, 11.01, -10.41
CIE _{LCh}	58, 15.150, 316.616
Yxy	25.9610, 0.3068, 0.2916
Android (android.graphics.Color)	4288120478 (0xFF97869E)
YUV	141.8190, 7.9772, 8.0517
Hunter-Lab	50.9519, 6.5432, -5.9494

Details

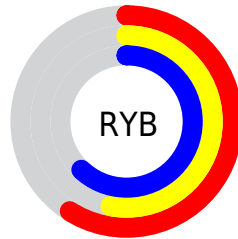
The CIELCh color $58, 15.150, 316.616$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 14.980, 135.343$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 15.423, 315.989$, and $38, 15.605, 316.451$ is the 20% darker color. If you saturate the color by 10%, you get $54, 25.310, 317.047$, and if you desaturate by 10%, it is $63, 5.142, 316.178$.

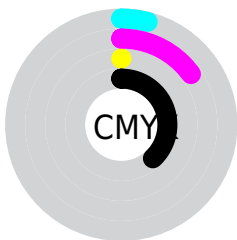
Distribution



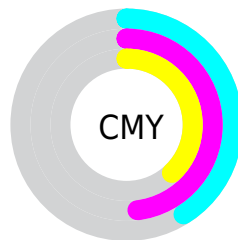
- Red (59%)
- Green (53%)
- Blue (62%)



- Red (59%)
- Yellow (53%)
- Blue (62%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)





- Cyan (41%)
- Magenta (48%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.150, 316.616 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 58, 15.150, 316.616 by changing the saturation by 10% instead.


 58, 15.150,
316.616


 58, 15.150,
316.616


 100, 15.150,
316.616


 48, 15.150,
316.616


 78, 15.150,
316.616

 38, 15.150,
316.616

 88, 15.150,
316.616

 28, 15.150,
316.616

 98, 15.150,
316.616

 18, 15.150,
316.616

 8, 15.150, 316.616

 0, 15.150, 316.616

58, 15.150,
316.616

58, 15.150,
316.616

54, 25.310,
317.047

63, 5.142, 316.178

49, 35.519,
317.471

67, 4.646, 135.842

45, 45.601,
317.867

72, 14.180,
135.447

41, 55.295,
318.203

77, 23.448,
135.098

37, 64.233,
318.436

81, 32.447,
134.781

34, 71.949,
318.512

86, 41.181,
134.494

32, 77.942,
318.371


90, 49.660,
134.235

30, 81.861,

94, 55.176,
133.642

317.962

 94, 54.403,
132.188

 29, 83.421,
317.739

Harmonies

Complementary

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



58, 15.150, 316.616



63, 14.980, 135.343

Rectangle

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



58, 15.150, 316.616



58, 15.150, 6.616



58, 15.150, 136.616



58, 15.150, 186.616

Sweetspot

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



58, 15.148, 316.615



79, 6.081, 316.172



59, 9.830, 275.709



41, 4.141, 316.202



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 15.148, 316.615



72, 22.169, 316.750



58, 14.312, 331.445



31, 5.610, 316.357



26, 77.560, 317.817



1, 7.205, 314.865

Inverse Universe

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



58, 10.325, 357.973



72, 15.158, 358.323



63, 14.262, 149.537



31, 3.800, 357.333



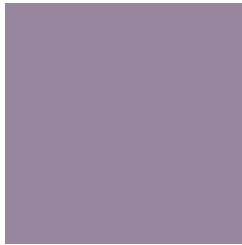
29, 56.779, 20.559



1, 4.844, 357.594

Previews

White Background



This preview shows how the CIELCh color 58, 15.150, 316.616 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 58, 15.150, 316.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

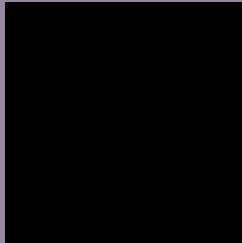
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.150, 316.616

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.150, 316.616.



This preview shows how white text looks on a background with the CIELCh color 58, 15.150, 316.616.

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


58, 15.150, 316.616

Protanopia

58, 13.094, 288.500

Deuteranopia

58, 12.473, 307.178



Tritanopia
58, 7.638, 332.135

Trichromacy



Original Color
58, 15.150, 316.616

Protanomaly
58, 13.835, 299.386

Deuteranomaly
58, 13.374, 311.233

Tritanomaly
58, 10.346, 324.955

Monochromacy



Original Color
58, 15.150, 316.616

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.815, 318.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.150, 316.616 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(151, 134, 158)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 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(151, 134, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.150, 316.616 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(151, 134, 158) }
```

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

```
.border{ border-color:rgb(151, 134, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 134, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 134, 158); box-shadow:4px 4px 4px 4px rgb(151, 134, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.150, 316.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 158) }
```

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

```
.background{ background-color: rgb(151,  
134, 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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