

Converting Colors

CIELCh(58, 17.570, 317.562)

Have a look what the booklet for
CIELCh(58, 17.570, 317.562)
contains.

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Color

CIELCh(58, 17.170, 317.708)

Conversions

Conversions Part 1

Format	Color
Hex	9985A0
RGB	153, 133, 160
RGB Percent	60%, 52%, 63%
CMY	0.4012, 0.4796, 0.3738
CMYK	0.04, 0.17, 0.00, 0.37
HSL	284°, 12%, 57%
HSV	284°, 17%, 63%
XYZ	27.7417, 25.9610, 36.6629
YIQ	142.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

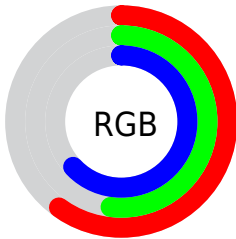
Format	Color
R_{YB}	153, 133, 160
Decimal	10061216
CIE _{Lab}	58.00, 12.70, -11.55
CIE _{LCh}	58, 17.170, 317.708
Yxy	25.9610, 0.3070, 0.2873
Android (android.graphics.Color)	4288251296 (0xFF9985A0)
YUV	142.0580, 8.8454, 9.5961
Hunter-Lab	50.9519, 8.0218, -6.9963

Details

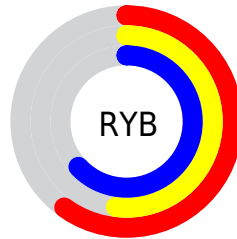
The CIELCh color $58, 17.170, 317.708$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64, 16.985, 136.255$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 17.334, 317.053$, and $38, 17.761, 317.661$ is the 20% darker color. If you saturate the color by 10%, you get $54, 27.515, 318.140$, and if you desaturate by 10%, it is $63, 6.946, 317.269$.

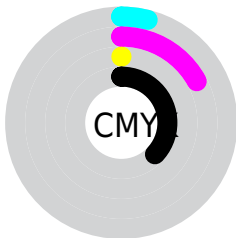
Distribution



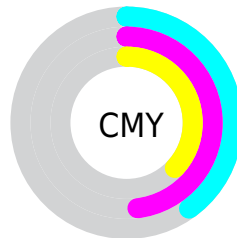
- Red (60%)
- Green (52%)
- Blue (63%)



- Red (60%)
- Yellow (52%)
- Blue (63%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)





- Cyan (40%)
- Magenta (48%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 17.170, 317.708 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, 17.170, 317.708 by changing the saturation by 10% instead.


 58, 17.170,
317.708


 58, 17.170,
317.708


 100, 17.170,
317.708


 48, 17.170,
317.708


 78, 17.170,
317.708

 38, 17.170,
317.708

 88, 17.170,
317.708

 28, 17.170,
317.708

 98, 17.170,
317.708

 18, 17.170,
317.708

 8, 17.170, 317.708

 0, 17.170, 317.708

58, 17.170,
317.708

58, 17.170,
317.708

54, 27.515,
318.140

63, 6.946, 317.269

49, 37.858,
318.559

67, 3.073, 136.937

45, 47.996,
318.942

72, 12.845,
136.511

41, 57.636,
319.257

77, 22.350,
136.146

38, 66.381,
319.460

81, 31.580,
135.812

35, 73.755,
319.502

86, 40.539,
135.508


33, 79.281,
319.327


91, 49.235,
135.232

31, 82.778,

94, 54.577,
134.635

318.911

 94, 53.864,
133.337

 30, 83.742,
318.775

Harmonies

Complementary

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



58, 17.170, 317.708



64, 16.985, 136.255

Rectangle

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



58, 17.170, 317.708



58, 17.170, 7.708



58, 17.170, 137.708



58, 17.170, 187.708

Sweetspot

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



58, 17.168, 317.708



80, 6.197, 317.186



58, 11.484, 278.307



42, 4.264, 317.217



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 17.168, 317.708



72, 25.122, 317.858



58, 15.704, 332.780



31, 5.658, 317.373



27, 77.131, 318.856



1, 7.268, 315.905

Inverse Universe

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



58, 11.469, 0.471



72, 16.856, 0.874



63, 15.631, 150.575



31, 3.743, 359.636



29, 57.692, 23.389



1, 4.771, 359.810

Previews

White Background



This preview shows how the CIELCh color 58, 17.170, 317.708 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 58, 17.170, 317.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

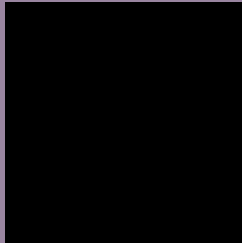
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 17.170, 317.708

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.170, 317.708.



This preview shows how white text looks on a background with the CIELCh color 58, 17.170, 317.708.

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, 17.170, 317.708

Protanopia

58, 14.244, 287.455

Deuteranopia

58, 13.479, 304.382



Tritanopia
58, 8.858, 335.480

Trichromacy



Original Color
58, 17.170, 317.708

Protanomaly
58, 14.962, 298.890

Deuteranomaly
58, 14.445, 309.740

Tritanomaly
58, 11.937, 326.597

Monochromacy



Original Color
58, 17.170, 317.708

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.808, 318.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.170, 317.708 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(153, 133, 160)` looks like.

```
.text, #text, p{  
    color:rgb(153, 133, 160)  
}
```

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(153, 133, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 133, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.170, 317.708 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(153, 133, 160) }
```

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

```
.border{ border-color:rgb(153, 133, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 133, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 133, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 133, 160);  
box-shadow:4px 4px 4px 4px rgb(153, 133,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.170, 317.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 133, 160) }
```

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

```
.background{ background-color: rgb(153,  
133, 160) }
```

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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