

Converting Colors

CIELCh(58, 19.358, 315.793)

Have a look what the booklet for
CIELCh(58, 19.358, 315.793)
contains.

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Color

CIELCh(58, 19.382, 315.798)

Conversions

Conversions Part 1

Format	Color
Hex	9984A3
RGB	153, 132, 163
RGB Percent	60%, 52%, 64%
CMY	0.3996, 0.4819, 0.3604
CMYK	0.06, 0.19, 0.00, 0.36
HSL	281°, 14%, 58%
HSV	281°, 19%, 64%
XYZ	28.0423, 25.9610, 38.2334
YIQ	141.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

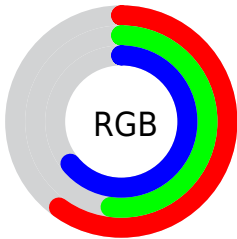
Format	Color
RYB	153, 132, 163
Decimal	10060963
CIELab	58.00, 13.89, -13.51
CIElCh	58, 19.382, 315.798
Yxy	25.9610, 0.3040, 0.2815
Android (android.graphics.Color)	4288251043 (0xFF9984A3)
YUV	141.8130, 10.4452, 9.8110
Hunter-Lab	50.9519, 9.0749, -8.8238

Details

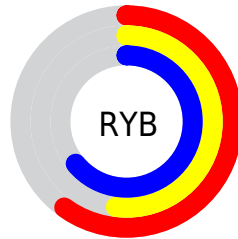
The CIELCh color $58, 19.382, 315.798$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $65, 19.085, 134.188$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 19.571, 316.268$, and $38, 19.592, 316.457$ is the 20% darker color. If you saturate the color by 10%, you get $53, 29.811, 316.232$, and if you desaturate by 10%, it is $63, 9.091, 315.365$.

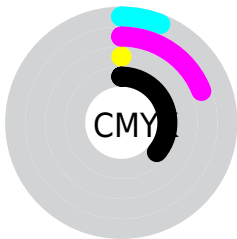
Distribution



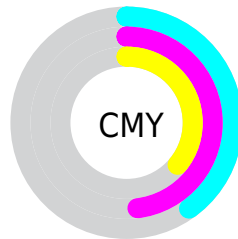
- Red (60%)
- Green (52%)
- Blue (64%)



- Red (60%)
- Yellow (52%)
- Blue (64%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (36%)





- Cyan (40%)
- Magenta (48%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 19.382, 315.798 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, 19.382, 315.798 by changing the saturation by 10% instead.


 58, 19.382,
315.798


 58, 19.382,
315.798


 100, 19.382,
315.798


 48, 19.382,
315.798


 78, 19.382,
315.798

 38, 19.382,
315.798

 88, 19.382,
315.798

 28, 19.382,
315.798

 98, 19.382,
315.798

 18, 19.382,
315.798

 8, 19.382, 315.798

 0, 19.382, 315.798

■ 58, 19.382,
315.798

■ 58, 19.382,
315.798

■ 53, 29.811,
316.232

■ 63, 9.091, 315.365

■ 49, 40.259,
316.656

■ 68, 0.981, 135.129

■ 45, 50.521,
317.043

■ 72, 10.798,
134.612

■ 41, 60.296,
317.357

■ 77, 20.342,
134.256

■ 37, 69.165,
317.547

■ 82, 29.608,
133.935

■ 34, 76.610,
317.549

■ 87, 38.601,
133.645


■ 31, 82.108,
317.298


■ 92, 47.330,
133.386

■ 30, 85.690,

■ 94, 51.482,
132.429

316.800

 95, 50.635,
130.581

 29, 86.034,
316.753

Harmonies

Complementary

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



58, 19.382, 315.798



65, 19.085, 134.188

Rectangle

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



58, 19.382, 315.798



58, 19.382, 5.798



58, 19.382, 135.798



58, 19.382, 185.798

Sweetspot

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



58, 19.380, 315.797



81, 7.465, 315.237



59, 12.191, 273.762



43, 4.994, 315.265



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 19.380, 315.797



71, 29.104, 315.990



59, 18.845, 330.521



32, 5.714, 315.376



26, 79.016, 316.847



1, 8.680, 313.142

Inverse Universe

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



58, 13.548, 356.263



72, 20.411, 356.782



64, 18.789, 148.129



32, 3.964, 355.210



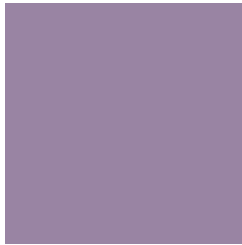
30, 56.810, 17.860



1, 5.965, 356.498

Previews

White Background



This preview shows how the CIELCh color 58, 19.382, 315.798 looks on a white background.

Color Contrast Check

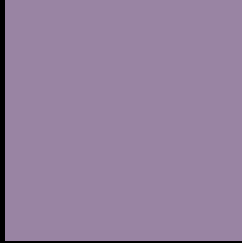
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.382, 315.798 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, 19.382, 315.798

Background



This preview shows how black text looks on a background with the CIELCh color 58, 19.382, 315.798.



This preview shows how white text looks on a background with the CIELCh color 58, 19.382, 315.798.

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, 19.382, 315.798

Protanopia

58, 16.553, 285.916

Deuteranopia

58, 15.014, 300.284



Tritanopia
58, 8.587, 333.586

Trichromacy



Original Color
58, 19.382, 315.798

Protanomaly
58, 17.182, 296.942

Deuteranomaly
58, 15.969, 306.617

Tritanomaly
58, 12.188, 323.522

Monochromacy



Original Color
58, 19.382, 315.798

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 7.512, 314.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 19.382, 315.798 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, 132, 163)` looks like.

```
.text, #text, p{  
    color:rgb(153, 132, 163)  
}
```

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, 132, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 132, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 19.382, 315.798 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, 132, 163) }
```

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

```
.border{ border-color:rgb(153, 132, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 132, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 132, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 132, 163);  
box-shadow:4px 4px 4px 4px rgb(153, 132,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 19.382, 315.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 132, 163) }
```

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

```
.background{ background-color: rgb(153,  
132, 163) }
```

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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