

Converting Colors

CIELCh(58, 15.461, 309.792)

Have a look what the booklet for
CIELCh(58, 15.461, 309.792)
contains.

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Color

CIELCh(58, 15.655, 309.796)

Conversions

Conversions Part 1

Format	Color
Hex	9386A0
RGB	147, 134, 160
RGB Percent	58%, 53%, 63%
CMY	0.4219, 0.4729, 0.3709
CMYK	0.08, 0.16, 0.00, 0.37
HSL	270°, 12%, 58%
HSV	270°, 16%, 63%
XYZ	27.0744, 25.9610, 37.0391
YIQ	140.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

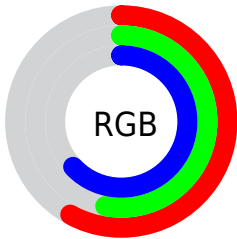
Format	Color
RYB	147, 134, 160
Decimal	9668256
CIELab	58.00, 10.02, -12.03
CIELCh	58, 15.655, 309.796
Yxy	25.9610, 0.3006, 0.2882
Android (android.graphics.Color)	4287858336 (0xFF9386A0)
YUV	140.8510, 9.4405, 5.3927
Hunter-Lab	50.9519, 5.6840, -7.4341

Details

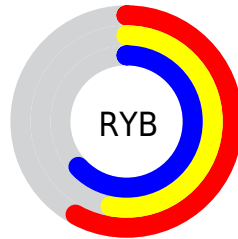
The CIELCh color $58, 15.655, 309.796$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64, 15.317, 128.359$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 15.894, 309.653$, and $38, 16.203, 309.410$ is the 20% darker color. If you saturate the color by 10%, you get $53, 25.639, 310.299$, and if you desaturate by 10%, it is $63, 5.918, 309.320$.

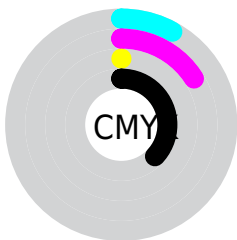
Distribution



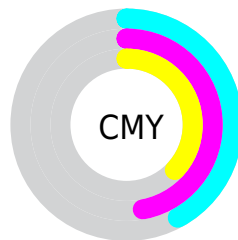
- Red (58%)
- Green (53%)
- Blue (63%)



- Red (58%)
- Yellow (53%)
- Blue (63%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)





- Cyan (42%)
- Magenta (47%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.655, 309.796 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, 15.655, 309.796 by changing the saturation by 10% instead.


 58, 15.655,
309.796


 58, 15.655,
309.796


 100, 15.655,
309.796


 48, 15.655,
309.796


 78, 15.655,
309.796

 38, 15.655,
309.796

 88, 15.655,
309.796

 28, 15.655,
309.796

 98, 15.655,
309.796

 18, 15.655,
309.796

 8, 15.655, 309.796

 0, 15.655, 309.796

■ 58, 15.655,
309.796

■ 58, 15.655,
309.796

■ 53, 25.639,
310.299

■ 63, 5.918, 309.320

■ 48, 35.813,
310.827

■ 68, 3.540, 128.943

■ 43, 46.060,
311.360

■ 73, 12.712,
128.543

■ 39, 56.176,
311.864

■ 78, 21.602,
128.203

■ 35, 65.825,
312.282

■ 83, 30.217,
127.905

■ 31, 74.505,
312.536

■ 88, 38.570,
127.644

■ 28, 81.566,
312.523

■ 92, 46.674,
127.418

■ 25, 86.466,

■ 95, 50.235,
125.823

312.158

96, 49.254,
122.600

25, 88.141,
312.019

Harmonies

Complementary

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



58, 15.655, 309.796



64, 15.317, 128.359

Rectangle

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



58, 15.655, 309.796



58, 15.655, 359.796



58, 15.655, 129.796



58, 15.655, 179.796

Sweetspot

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



58, 15.653, 309.795



81, 5.901, 309.267



60, 8.628, 257.640



42, 4.021, 309.298



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, 15.653, 309.795



72, 22.857, 309.950



59, 17.770, 325.300



31, 5.343, 309.462



21, 80.855, 312.131



1, 6.870, 308.161

Inverse Universe

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



59, 12.576, 344.996



73, 18.341, 345.294



63, 17.753, 143.466



31, 4.300, 344.358



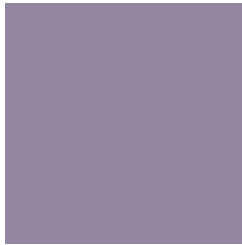
30, 55.131, 1.039



1, 5.468, 345.059

Previews

White Background



This preview shows how the CIELCh color 58, 15.655, 309.796 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, 15.655, 309.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

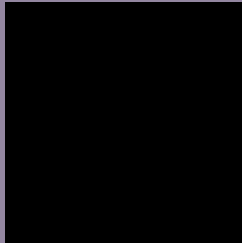
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.655, 309.796

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.655, 309.796.



This preview shows how white text looks on a background with the CIELCh color 58, 15.655, 309.796.

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, 15.655, 309.796

Protanopia

58, 14.244, 287.455

Deuteranopia

58, 13.958, 302.404



Tritanopia
58, 6.506, 319.077

Trichromacy



Original Color
58, 15.655, 309.796

Protanomaly
58, 14.297, 296.202

Deuteranomaly
58, 14.778, 306.298

Tritanomaly
58, 9.918, 313.727

Monochromacy



Original Color
58, 15.655, 309.796

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.362, 307.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.655, 309.796 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(147, 134, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 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(147, 134, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.655, 309.796 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(147, 134, 160) }
```

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

```
.border{ border-color:rgb(147, 134, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 134, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.655, 309.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 160) }
```

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

```
.background{ background-color: rgb(147,  
134, 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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