

Converting Colors

CIELCh(58, 15.996, 307.141)

Have a look what the booklet for
CIELCh(58, 15.996, 307.141)
contains.

CIELCh(58, 15.969, 306.617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 15.969, 306.617)

Conversions

Conversions Part 1

Format	Color
Hex	9287A2
RGB	146, 135, 162
RGB Percent	57%, 53%, 64%
CMY	0.4283, 0.4714, 0.3656
CMYK	0.10, 0.17, 0.00, 0.37
HSL	264°, 13%, 58%
HSV	264°, 17%, 63%
XYZ	26.9523, 25.9610, 37.6708
YIQ	141.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

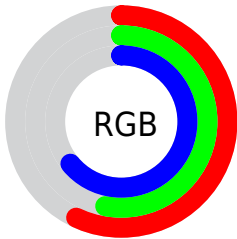
Format	Color
RYB	146, 135, 162
Decimal	9602978
CIELab	58.00, 9.52, -12.82
CIELCh	58, 15.969, 306.617
Yxy	25.9610, 0.2975, 0.2866
Android (android.graphics.Color)	4287793058 (0xFF9287A2)
YUV	141.3670, 10.1721, 4.0631
Hunter-Lab	50.9519, 5.2564, -8.1691

Details

The CIELCh color $58, 15.969, 306.617$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $65, 15.545, 124.966$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 16.186, 306.674$, and $38, 15.968, 306.662$ is the 20% darker color. If you saturate the color by 10%, you get $53, 25.925, 307.202$, and if you desaturate by 10%, it is $63, 6.300, 306.079$.

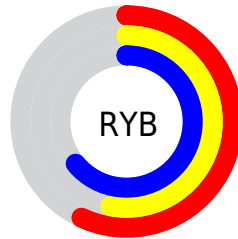
Distribution



Red (57%)

Green (53%)

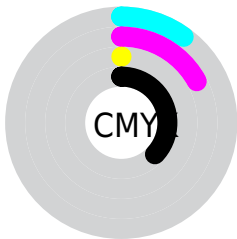
Blue (64%)



Red (57%)

Yellow (53%)

Blue (64%)

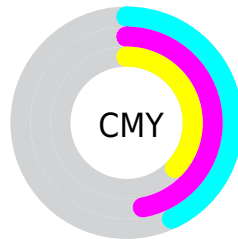


Cyan (10%)

Magenta (17%)

Yellow (0%)

Black (37%)



Cyan (43%)


Magenta (47%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.969, 306.617 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, 15.969, 306.617 by changing the saturation by 10% instead.


 58, 15.969,
306.617


 58, 15.969,
306.617


 100, 15.969,
306.617


 48, 15.969,
306.617


 78, 15.969,
306.617

 38, 15.969,
306.617

 88, 15.969,
306.617

 28, 15.969,
306.617

 98, 15.969,
306.617

 18, 15.969,
306.617

 8, 15.969, 306.617

 0, 15.969, 306.617

■ 58, 15.969,
306.617

■ 58, 15.969,
306.617

■ 53, 25.925,
307.202

■ 63, 6.300, 306.079

■ 48, 36.130,
307.836

■ 68, 3.064, 125.642

■ 43, 46.492,
308.500

■ 73, 12.125,
125.207

■ 38, 56.830,
309.160

■ 78, 20.893,
124.839

■ 34, 66.824,
309.758

■ 83, 29.381,
124.519

■ 30, 75.956,
310.203

■ 88, 37.602,
124.242

■ 26, 83.496,
310.371

■ 93, 45.573,
124.003

■ 24, 88.806,

■ 96, 48.312,
121.628

310.164

97, 47.428,
117.422

23, 90.432,
310.107

Harmonies

Complementary

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



58, 15.969, 306.617



65, 15.545, 124.966

Rectangle

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



58, 15.969, 306.617



58, 15.969, 356.617



58, 15.969, 126.617



58, 15.969, 176.617

Sweetspot

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



58, 15.967, 306.616



81, 5.796, 305.996



62, 8.342, 245.891



42, 3.950, 306.031



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, 15.967, 306.616



71, 23.722, 306.826



59, 17.881, 322.498



32, 5.391, 306.214



20, 83.514, 310.205



1, 8.225, 304.365

Inverse Universe

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



59, 13.868, 340.236



73, 20.539, 340.548



64, 17.807, 140.833



32, 4.706, 339.627



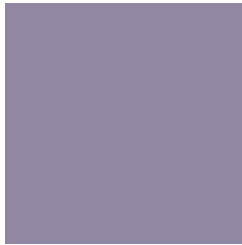
31, 57.495, 352.871



1, 6.979, 341.697

Previews

White Background



This preview shows how the CIELCh color 58, 15.969, 306.617 looks on a white background.

Color Contrast Check

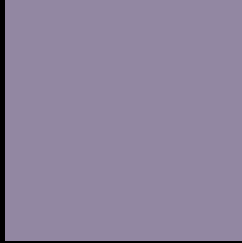
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.969, 306.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

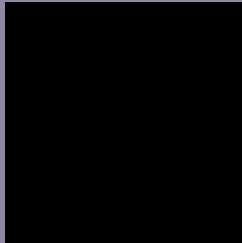
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.969, 306.617

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.969, 306.617.



This preview shows how white text looks on a background with the CIELCh color 58, 15.969, 306.617.

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, 15.969, 306.617

Protanopia

58, 14.833, 286.323

Deuteranopia

58, 15.014, 300.284



Tritanopia
58, 6.847, 313.965

Trichromacy



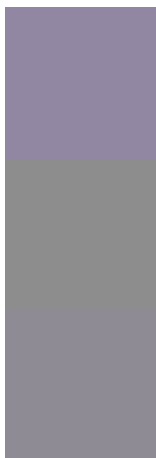
Original Color
58, 15.969, 306.617

Protanomaly
58, 14.819, 293.280

Deuteranomaly
58, 15.075, 301.671

Tritanomaly
58, 10.310, 310.555

Monochromacy



Original Color
58, 15.969, 306.617

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.908, 305.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.969, 306.617 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(146, 135, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 162)  
}
```

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(146, 135, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.969, 306.617 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(146, 135, 162) }
```

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

```
.border{ border-color:rgb(146, 135, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 135, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 135, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 135, 162); box-shadow:4px 4px 4px 4px rgb(146, 135, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.969, 306.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 135, 162) }
```

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

```
.background{ background-color: rgb(146,  
135, 162) }
```

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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