

Converting Colors

CIELCh(58, 11.981, 286.310)

Have a look what the booklet for
CIELCh(58, 11.981, 286.310)
contains.

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Color

CIELCh(58, 11.981, 286.310)

Conversions

Conversions Part 1

Format	Color
Hex	878A9F
RGB	135, 138, 159
RGB Percent	53%, 54%, 62%
CMY	0.4693, 0.4576, 0.3752
CMYK	0.15, 0.13, 0.00, 0.38
HSL	232°, 11%, 58%
HSV	232°, 15%, 62%
XYZ	25.4643, 25.9610, 36.6194
YIQ	139.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

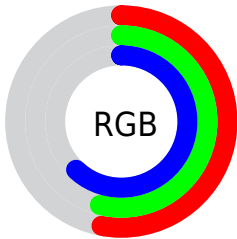
Format	Color
R_{YB}	135, 138, 159
Decimal	8882847
CIE _{Lab}	58.00, 3.36, -11.50
CIE _{LCh}	58, 11.981, 286.310
Yxy	25.9610, 0.2892, 0.2949
Android (android.graphics.Color)	4287072927 (0xFF878A9F)
YUV	139.4970, 9.6150, -3.9439
Hunter-Lab	50.9519, 0.0432, -6.9457

Details

The CIELCh color $58, 11.981, 286.310$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 11.695, 102.973$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 12.359, 286.447$, and $38, 12.349, 286.770$ is the 20% darker color. If you saturate the color by 10%, you get $53, 20.273, 287.703$, and if you desaturate by 10%, it is $63, 3.968, 285.125$.

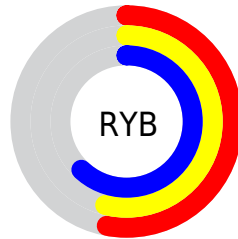
Distribution



Red (53%)

Green (54%)

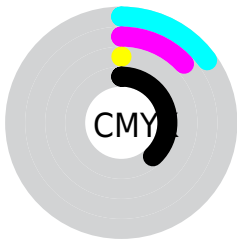
Blue (62%)



Red (53%)

Yellow (54%)

Blue (62%)

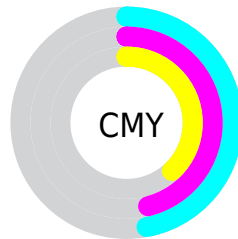


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (47%)


Magenta (46%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.981, 286.310 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, 11.981, 286.310 by changing the saturation by 10% instead.


 58, 11.981,
286.310


 58, 11.981,
286.310


 100, 11.981,
286.310


 48, 11.981,
286.310


 78, 11.981,
286.310

 38, 11.981,
286.310

 88, 11.981,
286.310

 28, 11.981,
286.310

 98, 11.981,
286.310

 18, 11.981,
286.310

 8, 11.981, 286.310

 0, 11.981, 286.310

■ 58, 11.981,
286.310

■ 58, 11.981,
286.310

■ 53, 20.273,
287.703

■ 63, 3.968, 285.125

■ 48, 28.873,
289.336

■ 68, 3.784, 104.046

■ 43, 37.802,
291.235

■ 73, 11.292,
103.178

■ 38, 47.073,
293.412

■ 78, 18.574,
102.415

■ 33, 56.648,
295.846

■ 83, 25.640,
101.749

■ 29, 66.363,
298.451

■ 88, 32.504,
101.166

■ 25, 75.795,
301.048

■ 93, 39.175,
100.652

■ 21, 84.124,

■ 97, 45.400,
104.086

303.365

98, 47.682,
106.532

20, 87.549,
304.247

Harmonies

Complementary

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



58, 11.981, 286.310



64, 11.695, 102.973

Rectangle

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



58, 11.981, 286.310



58, 11.981, 336.310



58, 11.981, 106.310



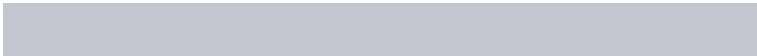
58, 11.981, 156.310

Sweetspot

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



58, 11.980, 286.306



80, 4.836, 285.128



64, 9.112, 187.291



42, 3.329, 285.199



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, 11.980, 286.306



72, 17.777, 286.739



58, 14.117, 305.089



31, 4.425, 285.591



17, 80.280, 304.059



1, 5.752, 284.888

Inverse Universe

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



59, 9.764, 10.432



73, 14.552, 10.785



64, 13.757, 123.520



31, 3.577, 9.839



29, 62.679, 33.406



1, 4.549, 9.644

Previews

White Background



This preview shows how the CIELCh color 58, 11.981, 286.310 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, 11.981, 286.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

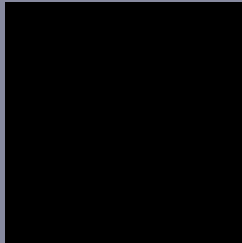
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 11.981, 286.310

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.981, 286.310.



This preview shows how white text looks on a background with the CIELCh color 58, 11.981, 286.310.

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

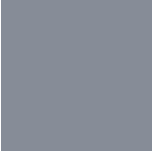
58, 11.981, 286.310

Protanopia

58, 11.960, 288.048

Deuteranopia

58, 13.958, 302.404



Tritanopia
58, 6.599, 271.020

Trichromacy



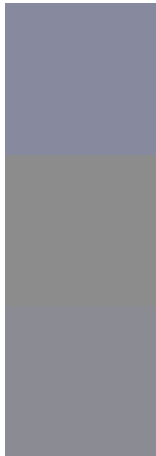
Original Color
58, 11.981, 286.310

Protanomaly
58, 11.960, 288.048

Deuteranomaly
58, 13.164, 296.484

Tritanomaly
58, 8.694, 278.862

Monochromacy



Original Color
58, 11.981, 286.310

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.562, 285.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.981, 286.310 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(135, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 159)  
}
```

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(135, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.981, 286.310 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(135, 138, 159) }
```

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

```
.border{ border-color:rgb(135, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 138, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 138, 159); box-shadow:4px 4px 4px 4px rgb(135, 138, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.981, 286.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 159) }
```

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

```
.background{ background-color: rgb(135,  
138, 159) }
```

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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