

Converting Colors

CIELCh(58, 5.011, 257.980)

Have a look what the booklet for
CIELCh(58, 5.011, 257.980) contains.

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Color

CIELCh(58, 5.212, 260.305)

Conversions

Conversions Part 1

Format	Color
Hex	858C94
RGB	133, 140, 148
RGB Percent	52%, 55%, 58%
CMY	0.4777, 0.4502, 0.4188
CMYK	0.10, 0.05, 0.00, 0.42
HSL	212°, 7%, 55%
HSV	212°, 10%, 58%
XYZ	24.4720, 25.9610, 31.8212
YIQ	138.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

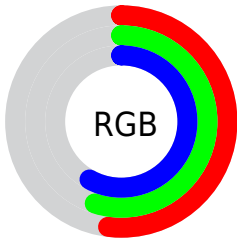
Format	Color
RYB	133, 138, 148
Decimal	8752276
CIELab	58.00, -0.88, -5.14
CIElCh	58, 5.212, 260.305
Yxy	25.9610, 0.2975, 0.3156
Android (android.graphics.Color)	4286942356 (0xFF858C94)
YUV	138.8190, 4.5262, -5.1033
Hunter-Lab	50.9519, -3.4331, -1.3622

Details

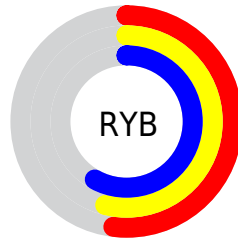
The CIELCh color $58, 5.212, 260.305$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 5.306, 77.648$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 5.107, 256.503$, and $38, 5.090, 257.270$ is the 20% darker color. If you saturate the color by 10%, you get $55, 10.333, 261.786$, and if you desaturate by 10%, it is $61, 0.070, 262.853$.

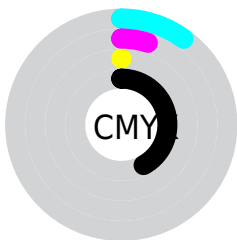
Distribution



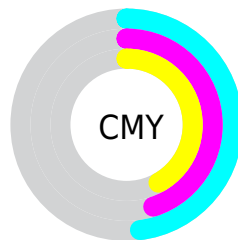
- Red (52%)
- Green (55%)
- Blue (58%)



- Red (52%)
- Yellow (54%)
- Blue (58%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 5.212, 260.305 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, 5.212, 260.305 by changing the saturation by 10% instead.

■ 58, 5.212, 260.305

■ 58, 5.212, 260.305

■ 100, 5.212,
260.305

■ 48, 5.212, 260.305

■ 78, 5.212, 260.305

■ 38, 5.212, 260.305

■ 88, 5.212, 260.305

■ 28, 5.212, 260.305

■ 98, 5.212, 260.305

■ 18, 5.212, 260.305

■ 8, 5.212, 260.305

■ 0, 5.212, 260.305

■ 58, 5.212, 260.305

■ 58, 5.212, 260.305

■ 55, 10.333,
261.786

■ 61, 0.070, 262.853

■ 65, 5.076, 77.772

51, 15.421,
263.569

68, 10.214, 76.838

48, 20.465,
265.677

71, 15.332, 76.011

75, 20.420, 75.283

45, 25.458,
268.161

78, 25.469, 74.640

42, 30.411,
271.066

82, 30.475, 74.068

85, 35.432, 73.556

39, 35.349,
274.415

87, 37.652, 78.966

36, 40.319,
278.189

33, 45.381,
282.300

30, 50.545,
286.345

Harmonies

Complementary

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



58, 5.212, 260.305



59, 5.306, 77.648

Rectangle

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



58, 5.212, 260.305



58, 5.212, 310.305



58, 5.212, 80.305



58, 5.212, 130.305

Sweetspot

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



58, 5.211, 260.290



77, 1.928, 259.473



60, 7.129, 163.768



40, 1.456, 259.535



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 5.211, 260.290



73, 7.683, 260.585



56, 8.598, 291.828



30, 2.904, 260.167



28, 47.588, 286.032



1, 2.545, 258.934

Inverse Universe

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



57, 7.153, 346.284



72, 10.579, 346.482



61, 8.403, 109.909



29, 3.980, 346.198



29, 53.459, 3.973



1, 3.440, 345.475

Previews

White Background



This preview shows how the CIE LCh color 58, 5.212, 260.305 looks on a white background.

Color Contrast Check

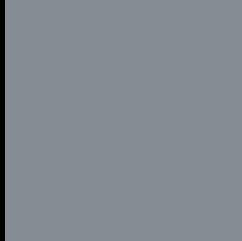
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.212, 260.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

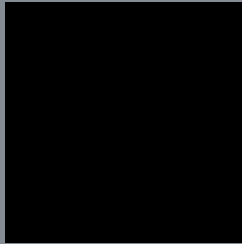
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

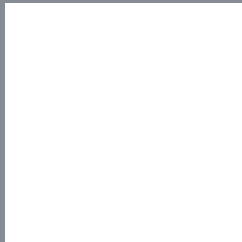
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 5.212, 260.305

Background



This preview shows how black text looks on a background with the CIELCh color 58, 5.212, 260.305.



This preview shows how white text looks on a background with the CIELCh color 58, 5.212, 260.305.

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

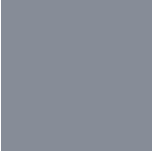
58, 5.212, 260.305

Protanopia

58, 5.147, 295.033

Deuteranopia

58, 9.454, 322.949



Tritanopia
58, 6.599, 271.020

Trichromacy



Original Color
58, 5.212, 260.305

Protanomaly
58, 4.603, 281.203

Deuteranomaly
58, 7.239, 309.404

Tritanomaly
58, 6.071, 269.074

Monochromacy



Original Color
58, 5.212, 260.305

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 1.866, 265.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 5.212, 260.305 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(133, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(133, 140, 148)  
}
```

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(133, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 140, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 5.212, 260.305 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(133, 140, 148) }
```

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

```
.border{ border-color:rgb(133, 140, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 140, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 140, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 140, 148);  
box-shadow:4px 4px 4px 4px rgb(133, 140,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 5.212, 260.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 140, 148) }
```

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

```
.background{ background-color: rgb(133,  
140, 148) }
```

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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