

Converting Colors

CIELCh(58, 4.794, 288.723)

Have a look what the booklet for
CIELCh(58, 4.794, 288.723) contains.

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Color

CIELCh(58, 4.562, 285.925)

Conversions

Conversions Part 1

Format	Color
Hex	8A8B93
RGB	138, 139, 147
RGB Percent	54%, 55%, 58%
CMY	0.4590, 0.4550, 0.4237
CMYK	0.06, 0.05, 0.00, 0.42
HSL	233°, 4%, 56%
HSV	233°, 6%, 58%
XYZ	24.9668, 25.9610, 31.2843
YIQ	139.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

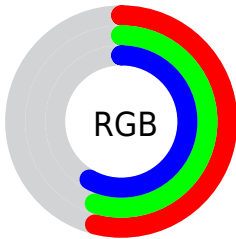
Format	Color
RYB	138, 139, 147
Decimal	9079699
CIELab	58.00, 1.25, -4.39
CIELCh	58, 4.562, 285.925
Yxy	25.9610, 0.3037, 0.3158
Android (android.graphics.Color)	4287269779 (0xFF8A8B93)
YUV	139.6130, 3.6418, -1.4146
Hunter-Lab	50.9519, -1.6997, -0.7375

Details

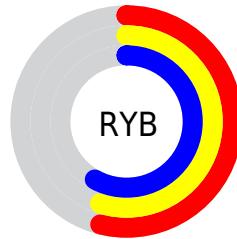
The CIELCh color $58, 4.562, 285.925$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 4.504, 104.605$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 4.835, 286.355$, and $38, 4.322, 285.439$ is the 20% darker color. If you saturate the color by 10%, you get $53, 12.203, 287.097$, and if you desaturate by 10%, it is $63, 2.828, 104.836$.

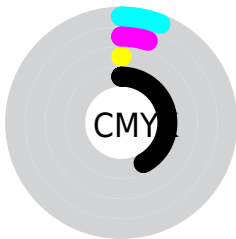
Distribution



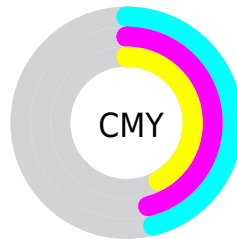
- Red (54%)
- Green (55%)
- Blue (58%)



- Red (54%)
- Yellow (55%)
- Blue (58%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 4.562, 285.925 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, 4.562, 285.925 by changing the saturation by 10% instead.

■ 58, 4.562, 285.925

■ 58, 4.562, 285.925

■ 100, 4.562,
285.925

■ 48, 4.562, 285.925

■ 78, 4.562, 285.925

■ 38, 4.562, 285.925

■ 88, 4.562, 285.925

■ 28, 4.562, 285.925

■ 98, 4.562, 285.925

■ 18, 4.562, 285.925

■ 8, 4.562, 285.925

■ 0, 4.562, 285.925

■ 58, 4.562, 285.925

■ 58, 4.562, 285.925

■ 53, 12.203,
287.097

■ 63, 2.828, 104.836

■ 68, 9.980, 103.975

48, 20.119,
288.491

72, 16.912,
103.215

44, 28.334,
290.120

77, 23.636,
102.551

39, 36.867,
292.009

81, 30.163,
101.971

34, 45.724,
294.169

86, 36.505,
101.461

30, 54.854,
296.571

91, 42.671,
101.009

25, 64.071,
299.118

95, 48.648,
100.864

22, 72.912,
301.621

98, 53.537,
106.081

19, 80.544,
303.787

Harmonies

Complementary

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



58, 4.562, 285.925



60, 4.504, 104.605

Rectangle

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



58, 4.562, 285.925



58, 4.562, 335.925



58, 4.562, 105.925



58, 4.562, 155.925

Sweetspot

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



58, 4.561, 285.913



76, 1.840, 285.514



60, 3.502, 189.447



40, 1.055, 285.505



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, 4.561, 285.913



73, 6.472, 286.024



58, 5.310, 305.184



29, 3.389, 286.048



16, 78.848, 304.303



0, 3.665, 285.248

Inverse Universe

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



58, 3.603, 10.604



74, 5.122, 10.708



60, 5.246, 124.609



29, 2.683, 10.730



28, 61.462, 34.048



1, 2.871, 10.224

Previews

White Background



This preview shows how the CIE LCh color 58, 4.562, 285.925 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, 4.562, 285.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

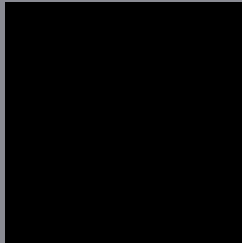
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

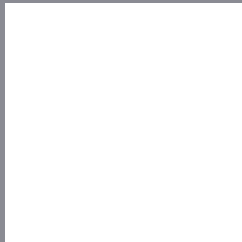
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 4.562, 285.925

Background



This preview shows how black text looks on a background with the CIELCh color 58, 4.562, 285.925.



This preview shows how white text looks on a background with the CIELCh color 58, 4.562, 285.925.

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, 4.562, 285.925

Protanopia

58, 5.194, 299.242

Deuteranopia

58, 9.205, 326.918



Tritanopia
58, 6.262, 287.451

Trichromacy



Original Color

58, 4.562, 285.925

Protanomaly

58, 5.147, 295.033

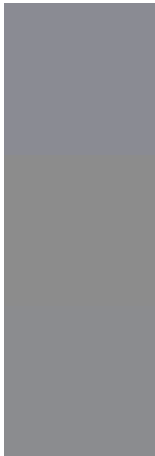
Deuteranomaly

58, 7.698, 317.610

Tritanomaly

58, 5.695, 287.031

Monochromacy



Original Color

58, 4.562, 285.925

Achromatopsia

58, 0.007, 296.813

Achromatomaly

58, 1.747, 277.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 4.562, 285.925 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(138, 139, 147)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 147)  
}
```

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(138, 139, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 4.562, 285.925 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(138, 139, 147) }
```

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

```
.border{ border-color:rgb(138, 139, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 139, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 147);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 4.562, 285.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 147) }
```

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

```
.background{ background-color: rgb(138,  
139, 147) }
```

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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