

Converting Colors

CIELCh(58, 11.544, 291.134)

Have a look what the booklet for
CIELCh(58, 11.544, 291.134)
contains.

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Color

CIELCh(58, 11.382, 291.490)

Conversions

Conversions Part 1

Format	Color
Hex	8A8A9E
RGB	138, 138, 158
RGB Percent	54%, 54%, 62%
CMY	0.4597, 0.4597, 0.3813
CMYK	0.13, 0.13, 0.00, 0.38
HSL	240°, 9%, 58%
HSV	240°, 13%, 62%
XYZ	25.6555, 25.9610, 35.9068
YIQ	140.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

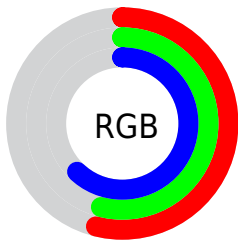
Format	Color
R_{YB}	138, 138, 158
Decimal	9079454
CIE _{Lab}	58.00, 4.17, -10.59
CIE _{LCh}	58, 11.382, 291.490
Yxy	25.9610, 0.2931, 0.2966
Android (android.graphics.Color)	4287269534 (0xFF8A8A9E)
YUV	140.2800, 8.7360, -1.9996
Hunter-Lab	50.9519, 0.7132, -6.1165

Details

The CIELCh color $58, 11.382, 291.490$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $65, 11.062, 108.975$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 11.807, 292.959$, and $38, 11.703, 292.015$ is the 20% darker color. If you saturate the color by 10%, you get $52, 20.773, 292.726$, and if you desaturate by 10%, it is $64, 2.360, 290.449$.

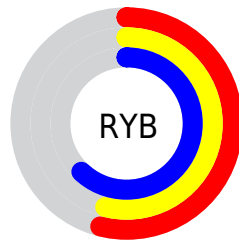
Distribution



Red (54%)

Green (54%)

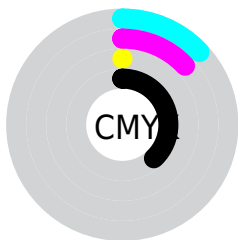
Blue (62%)



Red (54%)

Yellow (54%)

Blue (62%)

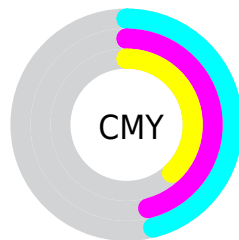


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (46%)


Magenta (46%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.382, 291.490 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, 11.382, 291.490 by changing the saturation by 10% instead.


 58, 11.382,
291.490


 58, 11.382,
291.490


 100, 11.382,
291.490


 48, 11.382,
291.490


 78, 11.382,
291.490

 38, 11.382,
291.490

 88, 11.382,
291.490

 28, 11.382,
291.490

 98, 11.382,
291.490

 18, 11.382,
291.490

 8, 11.382, 291.490

 0, 11.382, 291.490

58, 11.382,
291.490

58, 11.382,
291.490

52, 20.773,
292.726

64, 2.360, 290.449

47, 30.563,
294.181

69, 6.318, 109.520

41, 40.768,
295.872

75, 14.677,
108.759

36, 51.359,
297.800

80, 22.742,
108.105

31, 62.193,
299.915

85, 30.532,
107.542

26, 72.859,
302.084

91, 38.065,
107.055

22, 82.464,
304.058

96, 45.357,
106.633

19, 89.603,

98, 48.422,
106.475

305.510

■ 18, 93.469,
306.285

Harmonies

Complementary

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



58, 11.382, 291.490



65, 11.062, 108.975

Rectangle

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



58, 11.382, 291.490



58, 11.382, 341.490



58, 11.382, 111.490



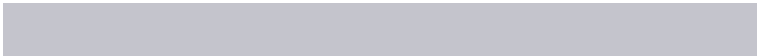
58, 11.382, 161.490

Sweetspot

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



58, 11.381, 291.486



79, 4.361, 290.579



64, 7.419, 197.354



41, 3.095, 290.648



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 11.381, 291.486



72, 16.692, 291.791



59, 11.972, 309.049



30, 5.053, 291.107



15, 86.890, 306.285



0, 6.505, 290.172

Inverse Universe

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



59, 8.014, 20.156



73, 11.812, 20.369



64, 11.761, 127.932



31, 3.534, 19.888



29, 67.087, 39.156



1, 4.473, 19.394

Previews

White Background



This preview shows how the CIELCh color 58, 11.382, 291.490 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, 11.382, 291.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

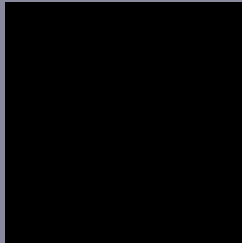
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

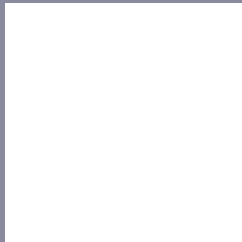
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 11.382, 291.490

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.382, 291.490.



This preview shows how white text looks on a background with the CIELCh color 58, 11.382, 291.490.

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

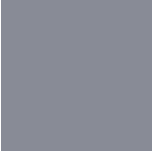
58, 11.382, 291.490

Protanopia

58, 11.393, 287.798

Deuteranopia

58, 12.927, 304.913



Tritanopia
58, 6.339, 280.648

Trichromacy



Original Color
58, 11.382, 291.490

Protanomaly
58, 11.382, 289.640

Deuteranomaly
58, 12.130, 300.340

Tritanomaly
58, 7.983, 285.731

Monochromacy



Original Color
58, 11.382, 291.490

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.984, 290.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.382, 291.490 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, 138, 158)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 158)  
}
```

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, 138, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.382, 291.490 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, 138, 158) }
```

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

```
.border{ border-color:rgb(138, 138, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 158);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.382, 291.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 158) }
```

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

```
.background{ background-color: rgb(138,  
138, 158) }
```

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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