

Converting Colors

CIELCh(58, 8.716, 349.691)

Have a look what the booklet for
CIELCh(58, 8.716, 349.691) contains.

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Color

CIELCh(58, 8.776, 349.198)

Conversions

Conversions Part 1

Format	Color
Hex	99868E
RGB	153, 134, 142
RGB Percent	60%, 53%, 56%
CMY	0.3982, 0.4727, 0.4413
CMYK	0.00, 0.12, 0.07, 0.40
HSL	335°, 9%, 56%
HSV	335°, 12%, 60%
XYZ	26.7303, 25.9610, 29.3745
YIQ	140.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

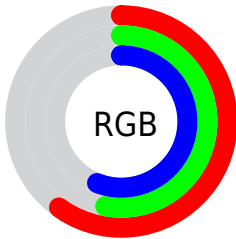
Format	Color
R_{YB}	153, 134, 142
Decimal	10061454
CIE _{Lab}	58.00, 8.62, -1.64
CIE _{LCh}	58, 8.776, 349.198
Yxy	25.9610, 0.3257, 0.3163
Android (android.graphics.Color)	4288251534 (0xFF99868E)
YUV	140.5930, 0.6937, 10.8809
Hunter-Lab	50.9519, 4.4786, 1.4849

Details

The CIELCh color $58, 8.776, 349.198$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.584, 167.105$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 8.864, 347.231$, and $38, 9.124, 348.240$ is the 20% darker color. If you saturate the color by 10%, you get $54, 16.057, 350.230$, and if you desaturate by 10%, it is $62, 1.668, 348.133$.

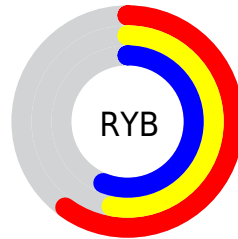
Distribution



Red (60%)

Green (53%)

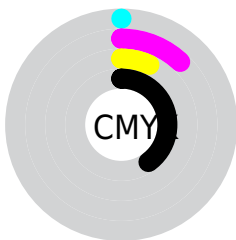
Blue (56%)



Red (60%)

Yellow (53%)

Blue (56%)

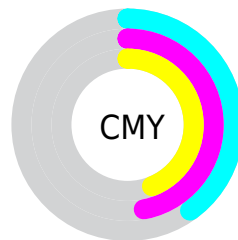


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.776, 349.198 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, 8.776, 349.198 by changing the saturation by 10% instead.

■ 58, 8.776, 349.198

■ 58, 8.776, 349.198

■ 100, 8.776,
349.198

■ 48, 8.776, 349.198

■ 78, 8.776, 349.198

■ 38, 8.776, 349.198

■ 88, 8.776, 349.198

■ 28, 8.776, 349.198

■ 98, 8.776, 349.198

■ 18, 8.776, 349.198

■ 8, 8.776, 349.198

■ 0, 8.776, 349.198

■ 58, 8.776, 349.198

■ 58, 8.776, 349.198

■ 54, 16.057,
350.230

■ 62, 1.668, 348.133

■ 67, 5.210, 167.609

50, 23.421,
351.390

71, 11.837,
166.839

46, 30.710,
352.736

76, 18.210,
166.159

42, 37.691,
354.333

80, 24.336,
165.540

39, 44.057,
356.276

85, 30.229,
164.970

36, 49.456,
358.690

89, 35.906,
164.442

34, 53.575, 1.733

93, 40.178,
164.774

33, 56.277, 5.566

93, 37.448,
170.371

32, 57.837, 8.837

Harmonies

Complementary

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



58, 8.776, 349.198



62, 8.584, 167.105

Rectangle

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



58, 8.776, 349.198



58, 8.776, 39.198



58, 8.776, 169.198



58, 8.776, 219.198

Sweetspot

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



58, 8.774, 349.203



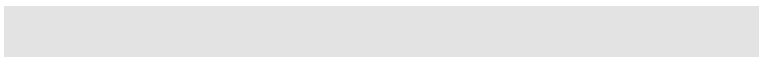
78, 3.460, 348.366



58, 11.632, 311.872



41, 2.455, 348.446



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 8.774, 349.203



72, 13.178, 349.491



58, 7.175, 25.786



30, 3.976, 348.894



29, 54.139, 8.402



1, 4.222, 348.565

Inverse Universe

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



58, 8.774, 349.203



72, 13.178, 349.491



62, 6.631, 205.052



30, 3.976, 348.894



29, 54.139, 8.402



1, 4.222, 348.565

Previews

White Background



This preview shows how the CIELCh color 58, 8.776, 349.198 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, 8.776, 349.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

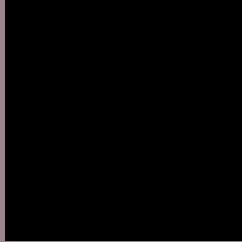
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 8.776, 349.198

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.776, 349.198.



This preview shows how white text looks on a background with the CIELCh color 58, 8.776, 349.198.

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, 8.776, 349.198

Protanopia

58, 3.443, 296.998

Deuteranopia

58, 7.804, 349.642



Tritanopia
58, 10.040, 342.045

Trichromacy



Original Color
58, 8.776, 349.198

Protanomaly
58, 5.081, 328.312

Deuteranomaly
58, 8.149, 351.123

Tritanomaly
58, 9.709, 344.694

Monochromacy



Original Color
58, 8.776, 349.198

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 3.242, 347.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.776, 349.198 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(153, 134, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 142)  
}
```

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(153, 134, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.776, 349.198 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(153, 134, 142) }
```

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

```
.border{ border-color:rgb(153, 134, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.776, 349.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 142) }
```

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

```
.background{ background-color: rgb(153,  
134, 142) }
```

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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