

Converting Colors

CIELCh(58, 3.582, 340.272)

Have a look what the booklet for
CIELCh(58, 3.582, 340.272) contains.

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Color

CIELCh(58, 3.577, 340.269)

Conversions

Conversions Part 1

Format	Color
Hex	918A8E
RGB	145, 138, 142
RGB Percent	57%, 54%, 56%
CMY	0.4332, 0.4606, 0.4450
CMYK	0.00, 0.05, 0.02, 0.43
HSL	326°, 3%, 55%
HSV	326°, 5%, 57%
XYZ	25.4648, 25.9610, 29.0774
YIQ	140.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

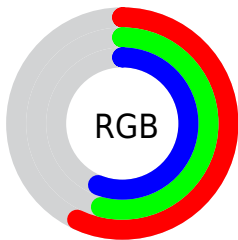
Format	Color
RYB	145, 138, 142
Decimal	9538190
CIELab	58.00, 3.37, -1.21
CIELCh	58, 3.577, 340.269
Yxy	25.9610, 0.3163, 0.3225
Android (android.graphics.Color)	4287728270 (0xFF918A8E)
YUV	140.5490, 0.7153, 3.9035
Hunter-Lab	50.9519, 0.0451, 1.8306

Details

The CIELCh color $58, 3.577, 340.269$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 3.551, 159.724$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 4.004, 337.686$, and $38, 3.866, 340.464$ is the 20% darker color. If you saturate the color by 10%, you get $54, 11.069, 341.120$, and if you desaturate by 10%, it is $62, 3.754, 159.715$.

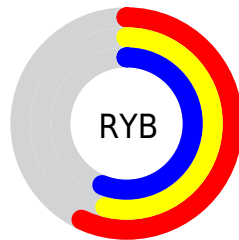
Distribution



Red (57%)

Green (54%)

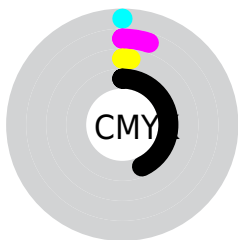
Blue (56%)



Red (57%)

Yellow (54%)

Blue (56%)

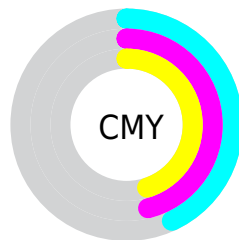


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 3.577, 340.269 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, 3.577, 340.269 by changing the saturation by 10% instead.

■ 58, 3.577, 340.269

■ 58, 3.577, 340.269

■ 100, 3.577,
340.269

■ 48, 3.577, 340.269

■ 78, 3.577, 340.269

■ 38, 3.577, 340.269

■ 88, 3.577, 340.269

■ 28, 3.577, 340.269

■ 98, 3.577, 340.269

■ 18, 3.577, 340.269

■ 8, 3.577, 340.269

■ 0, 3.577, 340.269

■ 58, 3.577, 340.269

■ 58, 3.577, 340.269

■ 54, 11.069,
341.120

■ 62, 3.754, 159.715

■ 66, 10.877,

50, 18.651,
341.992

158.992

46, 26.195,
342.949

71, 17.775,
158.357

43, 33.512,
344.022

75, 24.446,
157.771

39, 40.338,
345.251

79, 30.894,
157.226

37, 46.337,
346.692

83, 37.132,
156.716

34, 51.143,
348.428

88, 43.171,
156.239

33, 54.440,
350.566

92, 49.027,
155.792

31, 56.117,
353.222

92, 47.778,
158.086

Harmonies

Complementary

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



58, 3.577, 340.269



59, 3.551, 159.724

Rectangle

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



58, 3.577, 340.269



58, 3.577, 30.269



58, 3.577, 160.269



58, 3.577, 210.269

Sweetspot

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



58, 3.575, 340.276



76, 0.920, 339.680



58, 4.156, 306.315



40, 0.521, 339.648



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 3.575, 340.276



73, 5.518, 340.392



58, 2.782, 12.722



29, 2.896, 340.417



29, 54.116, 354.455



1, 2.776, 339.997

Inverse Universe

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



58, 3.575, 340.276



73, 5.518, 340.392



59, 2.712, 192.316



29, 2.896, 340.417



29, 54.116, 354.455



1, 2.776, 339.997

Previews

White Background



This preview shows how the CIELCh color 58, 3.577, 340.269 looks on a white background.

Color Contrast Check

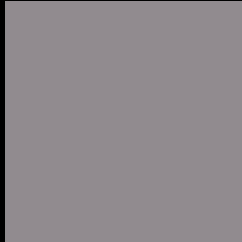
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.577, 340.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

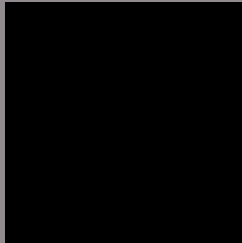
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

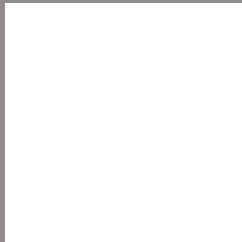
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 3.577, 340.269

Background



This preview shows how black text looks on a background with the CIELCh color 58, 3.577, 340.269.



This preview shows how white text looks on a background with the CIELCh color 58, 3.577, 340.269.

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, 3.577, 340.269

Protanopia

58, 1.889, 314.683

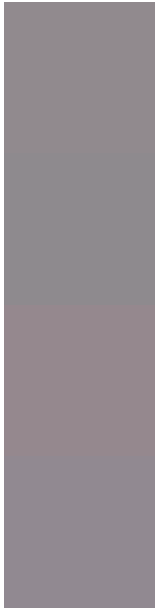
Deuteranopia

58, 7.804, 349.642



Tritanopia
58, 6.506, 319.077

Trichromacy



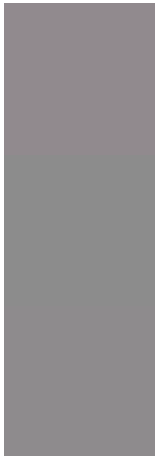
Original Color
58, 3.577, 340.269

Protanomaly
58, 2.777, 324.519

Deuteranomaly
58, 6.159, 346.454

Tritanomaly
58, 5.538, 324.698

Monochromacy



Original Color
58, 3.577, 340.269

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 1.646, 335.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 3.577, 340.269 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(145, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 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(145, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 3.577, 340.269 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(145, 138, 142) }
```

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

```
.border{ border-color:rgb(145, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 3.577, 340.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 142) }
```

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

```
.background{ background-color: rgb(145,  
138, 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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