

Converting Colors

CIELCh(58, 4.409, 341.160)

Have a look what the booklet for
CIELCh(58, 4.409, 341.160) contains.

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Color

CIELCh(58, 4.548, 341.175)

Conversions

Conversions Part 1

Format	Color
Hex	92898E
RGB	146, 137, 142
RGB Percent	57%, 54%, 56%
CMY	0.4274, 0.4627, 0.4431
CMYK	0.00, 0.06, 0.03, 0.43
HSL	327°, 4%, 55%
HSV	327°, 6%, 57%
XYZ	25.6877, 25.9610, 29.2538
YIQ	140.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

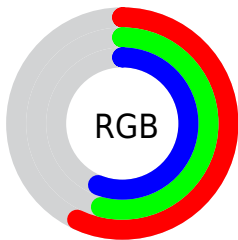
Format	Color
R _Y B	146, 137, 142
Decimal	9603470
CIE Lab	58.00, 4.30, -1.47
CIE LCh	58, 4.548, 341.175
Yxy	25.9610, 0.3175, 0.3209
Android (android.graphics.Color)	4287793550 (0xFF92898E)
YUV	140.2610, 0.8573, 5.0331
Hunter-Lab	50.9519, 0.8260, 1.6253

Details

The CIELCh color $58, 4.548, 341.175$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 4.511, 160.379$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 4.915, 338.927$, and $38, 4.916, 341.416$ is the 20% darker color. If you saturate the color by 10%, you get $54, 12.040, 342.034$, and if you desaturate by 10%, it is $62, 2.786, 160.614$.

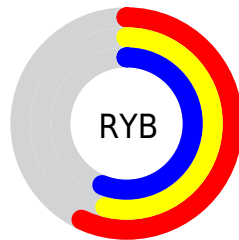
Distribution



Red (57%)

Green (54%)

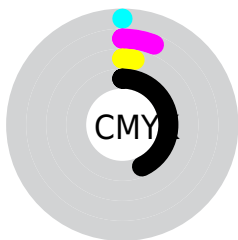
Blue (56%)



Red (57%)

Yellow (54%)

Blue (56%)

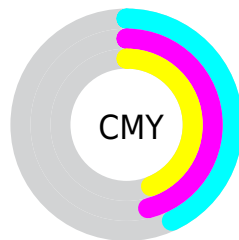


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 4.548, 341.175 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, 4.548, 341.175 by changing the saturation by 10% instead.

■ 58, 4.548, 341.175

■ 58, 4.548, 341.175

■ 100, 4.548,
341.175

■ 48, 4.548, 341.175

■ 78, 4.548, 341.175

■ 38, 4.548, 341.175

■ 88, 4.548, 341.175

■ 28, 4.548, 341.175

■ 98, 4.548, 341.175

■ 18, 4.548, 341.175

■ 8, 4.548, 341.175

■ 0, 4.548, 341.175

■ 58, 4.548, 341.175

■ 58, 4.548, 341.175

■ 54, 12.040,
342.034

■ 62, 2.786, 160.614

■ 66, 9.912, 159.848

50, 19.616,
342.936

71, 16.812,
159.198

46, 27.139,
343.934

75, 23.481,
158.600

43, 34.413,
345.060

79, 29.926,
158.044

39, 41.161,
346.361

83, 36.156,
157.526

37, 47.040,
347.901

88, 42.186,
157.042

34, 51.683,
349.771

92, 48.030,
156.588

33, 54.791,
352.090

92, 46.336,
159.260

32, 56.349,
354.957

Harmonies

Complementary

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



58, 4.548, 341.175



60, 4.511, 160.379

Rectangle

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



58, 4.548, 341.175



58, 4.548, 31.175



58, 4.548, 161.175



58, 4.548, 211.175

Sweetspot

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



58, 4.546, 341.181



75, 1.814, 340.730



58, 5.363, 306.976



39, 1.028, 340.706



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, 4.546, 341.181



73, 6.372, 341.267



58, 3.580, 14.210



30, 3.373, 341.286



29, 54.521, 355.896



1, 3.660, 340.777

Inverse Universe

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



58, 4.546, 341.181



73, 6.372, 341.267



60, 3.463, 193.576



30, 3.373, 341.286



29, 54.521, 355.896



1, 3.660, 340.777

Previews

White Background



This preview shows how the CIELCh color 58, 4.548, 341.175 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, 4.548, 341.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

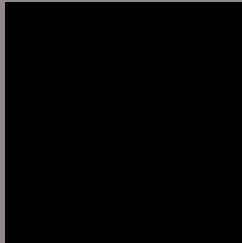
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 4.548, 341.175

Background



This preview shows how black text looks on a background with the CIELCh color 58, 4.548, 341.175.



This preview shows how white text looks on a background with the CIELCh color 58, 4.548, 341.175.

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

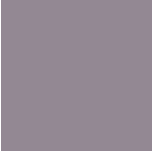
58, 4.548, 341.175

Protanopia

58, 2.417, 309.148

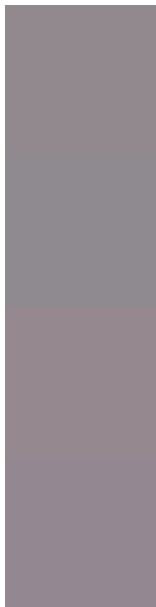
Deuteranopia

58, 7.465, 348.033



Tritanopia
58, 7.604, 324.813

Trichromacy



Original Color
58, 4.548, 341.175

Protanomaly
58, 3.467, 324.569

Deuteranomaly
58, 6.159, 346.454

Tritanomaly
58, 6.703, 330.309

Monochromacy



Original Color
58, 4.548, 341.175

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, 4.548, 341.175 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(146, 137, 142)` looks like.

```
.text, #text, p{  
    color:rgb(146, 137, 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(146, 137, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 137, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 4.548, 341.175 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(146, 137, 142) }
```

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

```
.border{ border-color:rgb(146, 137, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 137, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 137, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 137, 142);  
box-shadow:4px 4px 4px 4px rgb(146, 137,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 4.548, 341.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 137, 142) }
```

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

```
.background{ background-color: rgb(146,  
137, 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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