

Converting Colors

CIELCh(58, 10.804, 37.681)

Have a look what the booklet for
CIELCh(58, 10.804, 37.681) contains.

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Color

CIELCh(58, 10.858, 38.480)

Conversions

Conversions Part 1

Format	Color
Hex	9F8680
RGB	159, 134, 128
RGB Percent	62%, 53%, 50%
CMY	0.3767, 0.4747, 0.4982
CMYK	0.00, 0.16, 0.20, 0.38
HSL	12°, 14%, 56%
HSV	12°, 20%, 62%
XYZ	26.7008, 25.9610, 24.0101
YIQ	140.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

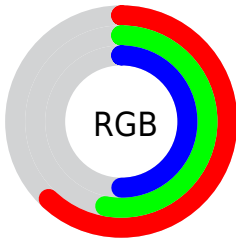
Format	Color
R_{YB}	159, 135, 128
Decimal	10454656
CIE _{Lab}	58.00, 8.50, 6.76
CIE _{LCh}	58, 10.858, 38.480
Yxy	25.9610, 0.3482, 0.3386
Android (android.graphics.Color)	4288644736 (0xFF9F8680)
YUV	140.7910, -6.3060, 15.9693
Hunter-Lab	50.9519, 4.3752, 7.7271

Details

The CIELCh color **58, 10.858, 38.480** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **62, 9.572, 219.411**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 10.850, 37.226**, and **38, 10.883, 36.984** is the 20% darker color. If you saturate the color by 10%, you get **54, 17.112, 38.568**, and if you desaturate by 10%, it is **62, 5.080, 38.506**.

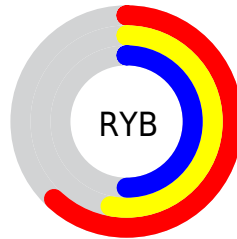
Distribution



Red (62%)

Green (53%)

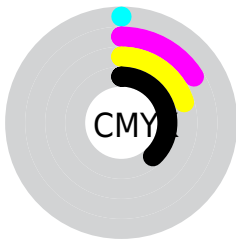
Blue (50%)



Red (62%)

Yellow (53%)

Blue (50%)

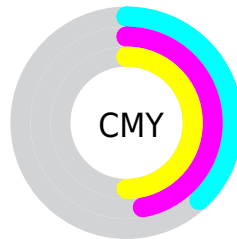


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 10.858, 38.480 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, 10.858, 38.480 by changing the saturation by 10% instead.

■ 58, 10.858, 38.480

■ 58, 10.858, 38.480

■ 100, 10.858,
38.480

■ 48, 10.858, 38.480

■ 78, 10.858, 38.480

■ 38, 10.858, 38.480

■ 88, 10.858, 38.480

■ 28, 10.858, 38.480

■ 98, 10.858, 38.480

■ 18, 10.858, 38.480

■ 8, 10.858, 38.480

■ 0, 10.858, 38.480

■ 58, 10.858, 38.480

■ 58, 10.858, 38.480

■ 54, 17.112, 38.568

■ 62, 5.080, 38.506

■ 51, 23.868, 38.798

■ 66, 0.258, 220.535

47, 31.126, 39.223

70, 5.198, 219.075

44, 38.844, 39.874

74, 9.785, 219.316

41, 46.904, 40.756

77, 14.058,
219.620

39, 55.042, 41.792

81, 18.056,
219.956

36, 62.674, 42.708

35, 69.226, 43.463

85, 21.813,
220.309

35, 69.551, 43.531

89, 25.344,
220.533

93, 27.919,
203.797

Harmonies

Complementary

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



58, 10.858, 38.480



62, 9.572, 219.411

Rectangle

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



58, 10.858, 38.480



58, 10.858, 88.480



58, 10.858, 218.480



58, 10.858, 268.480

Sweetspot

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



58, 10.857, 38.490



80, 3.917, 38.499



57, 18.716, 331.128



42, 2.625, 38.503



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 10.857, 38.490



72, 16.107, 38.506



62, 12.494, 90.031



31, 3.006, 38.507



31, 63.792, 43.467



2, 3.826, 37.595

Inverse Universe

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



62, 9.572, 219.411



77, 13.804, 219.600



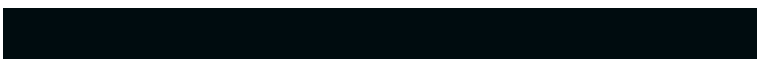
57, 12.490, 275.118



32, 2.842, 219.068



45, 28.407, 233.319



3, 3.744, 222.495

Previews

White Background



This preview shows how the CIELCh color 58, 10.858, 38.480 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, 10.858, 38.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

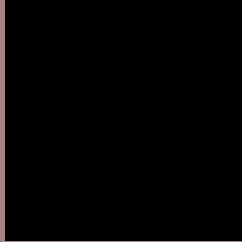
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 10.858, 38.480

Background



This preview shows how black text looks on a background with the CIELCh color 58, 10.858, 38.480.



This preview shows how white text looks on a background with the CIELCh color 58, 10.858, 38.480.

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, 10.858, 38.480

Protanopia

58, 4.943, 85.656

Deuteranopia

58, 9.889, 43.698



Tritanopia
58, 12.822, 354.647

Trichromacy



Original Color
58, 10.858, 38.480

Protanomaly
58, 6.271, 58.848

Deuteranomaly
58, 10.277, 42.792

Tritanomaly
58, 11.081, 8.823

Monochromacy



Original Color
58, 10.858, 38.480

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 4.135, 35.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 10.858, 38.480 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(159, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 128)  
}
```

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(159, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 10.858, 38.480 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(159, 134, 128) }
```

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

```
.border{ border-color:rgb(159, 134, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 10.858, 38.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 134, 128) }
```

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

```
.background{ background-color: rgb(159,  
134, 128) }
```

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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