

Converting Colors

CIELCh(58, 11.853, 47.893)

Have a look what the booklet for
CIELCh(58, 11.853, 47.893) contains.

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Color

CIELCh(58, 11.885, 48.569)

Conversions

Conversions Part 1

Format	Color
Hex	9F867C
RGB	159, 134, 124
RGB Percent	62%, 53%, 49%
CMY	0.3756, 0.4737, 0.5129
CMYK	0.00, 0.16, 0.22, 0.38
HSL	17°, 15%, 56%
HSV	17°, 22%, 62%
XYZ	26.5457, 25.9610, 22.7485
YIQ	140.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

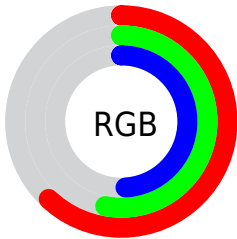
Format	Color
RYB	159, 138, 124
Decimal	10454652
CIELab	58.00, 7.86, 8.91
CIElCh	58, 11.885, 48.569
Yxy	25.9610, 0.3527, 0.3450
Android (android.graphics.Color)	4288644732 (0xFF9F867C)
YUV	140.3350, -8.0532, 16.3692
Hunter-Lab	50.9519, 3.8318, 9.1952

Details

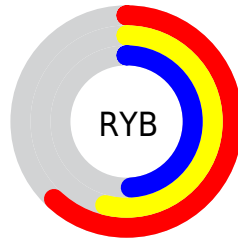
The CIELCh color $58, 11.885, 48.569$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 10.454, 231.590$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 11.745, 46.993$, and $38, 11.997, 47.795$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.972, 48.172$, and if you desaturate by 10%, it is $61, 6.238, 49.050$.

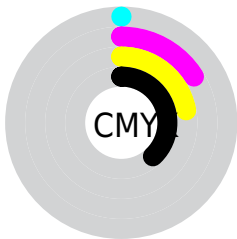
Distribution



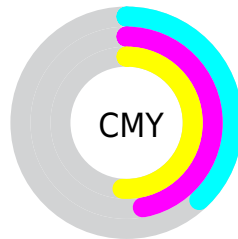
- Red (62%)
- Green (53%)
- Blue (49%)



- Red (62%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 11.885, 48.569 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, 11.885, 48.569 by changing the saturation by 10% instead.

■ 58, 11.885, 48.569

■ 58, 11.885, 48.569

■ 100, 11.885,
48.569

■ 48, 11.885, 48.569

■ 78, 11.885, 48.569

■ 38, 11.885, 48.569

■ 88, 11.885, 48.569

■ 28, 11.885, 48.569

■ 98, 11.885, 48.569

■ 18, 11.885, 48.569

■ 8, 11.885, 48.569

■ 0, 11.885, 48.569

■ 58, 11.885, 48.569

■ 58, 11.885, 48.569

■ 55, 17.972, 48.172

■ 61, 6.238, 49.050

■ 51, 24.526, 47.865

■ 65, 0.995, 49.250

48, 31.550, 47.680

68, 3.884, 230.406

45, 39.004, 47.625

72, 8.440, 230.983

43, 46.761, 47.668

75, 12.710,
231.619

40, 54.512, 47.687

79, 16.730,
232.269

38, 61.579, 47.368

37, 66.707, 47.132

83, 20.531,
232.921

86, 24.139,
233.567

89, 25.287,
220.516

Harmonies

Complementary

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



58, 11.885, 48.569



60, 10.454, 231.590

Rectangle

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



58, 11.885, 48.569



58, 11.885, 98.569



58, 11.885, 228.569



58, 11.885, 278.569

Sweetspot

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



58, 11.884, 48.579



80, 4.420, 49.269



56, 19.717, 335.102



42, 2.901, 49.247



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, 11.884, 48.579



72, 17.674, 48.385



63, 15.573, 96.856



32, 2.895, 49.178



33, 61.265, 47.337



2, 3.686, 47.981

Inverse Universe

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



60, 10.454, 231.590



75, 15.092, 232.074



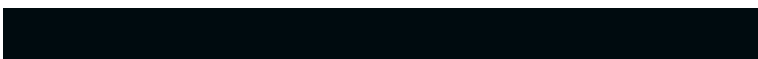
55, 15.902, 282.264



32, 2.754, 230.515



40, 30.859, 252.291



2, 3.663, 234.212

Previews

White Background



This preview shows how the CIELCh color 58, 11.885, 48.569 looks on a white background.

Color Contrast Check

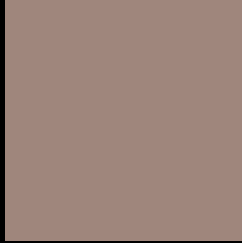
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.885, 48.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

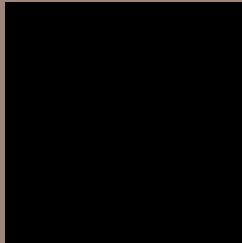
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 11.885, 48.569

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.885, 48.569.



This preview shows how white text looks on a background with the CIELCh color 58, 11.885, 48.569.

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, 11.885, 48.569

Protanopia

58, 7.208, 89.597

Deuteranopia

58, 11.885, 48.569



Tritanopia
58, 12.822, 354.647

Trichromacy



Original Color
58, 11.885, 48.569

Protanomaly
58, 8.204, 68.931

Deuteranomaly
58, 11.885, 48.569

Tritanomaly
58, 11.009, 11.716

Monochromacy



Original Color
58, 11.885, 48.569

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.237, 51.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.885, 48.569 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.885, 48.569 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, 124) }
```

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

```
.border{ border-color:rgb(159, 134, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.885, 48.569 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, 124) }
```

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

```
.background{ background-color: rgb(159,  
134, 124) }
```

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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