

Converting Colors

CIELCh(58, 11.706, 37.416)

Have a look what the booklet for
CIELCh(58, 11.706, 37.416) contains.

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Color

CIELCh(58, 11.683, 37.258)

Conversions

Conversions Part 1

Format	Color
Hex	A0857F
RGB	160, 133, 127
RGB Percent	63%, 52%, 50%
CMY	0.3707, 0.4767, 0.5002
CMYK	0.00, 0.17, 0.21, 0.37
HSL	11°, 15%, 56%
HSV	11°, 21%, 63%
XYZ	26.8967, 25.9610, 23.8218
YIQ	140.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

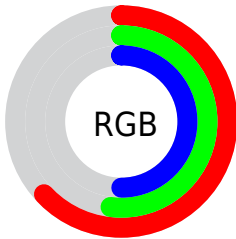
Format	Color
R_{YB}	160, 134, 127
Decimal	10519935
CIE Lab	58.00, 9.30, 7.07
CIE LCh	58, 11.683, 37.258
Yxy	25.9610, 0.3508, 0.3386
Android (android.graphics.Color)	4288710015 (0xFFA0857F)
YUV	140.3890, -6.6008, 17.1988
Hunter-Lab	50.9519, 5.0614, 7.9462

Details

The CIELCh color **58, 11.683, 37.258** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **62, 10.209, 217.997**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 11.617, 36.139**, and **38, 11.810, 35.833** is the 20% darker color. If you saturate the color by 10%, you get **54, 18.087, 37.425**, and if you desaturate by 10%, it is **62, 5.766, 37.220**.

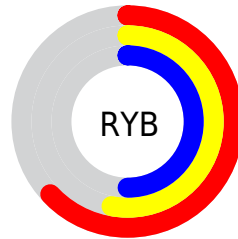
Distribution



Red (63%)

Green (52%)

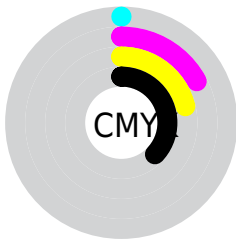
Blue (50%)



Red (63%)

Yellow (53%)

Blue (50%)

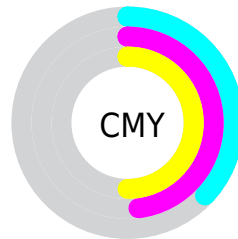


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (37%)



Cyan (37%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 11.683, 37.258 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, 11.683, 37.258 by changing the saturation by 10% instead.

■ 58, 11.683, 37.258

■ 58, 11.683, 37.258

■ 100, 11.683,
37.258

■ 48, 11.683, 37.258

■ 78, 11.683, 37.258

■ 38, 11.683, 37.258

■ 88, 11.683, 37.258

■ 28, 11.683, 37.258

■ 98, 11.683, 37.258

■ 18, 11.683, 37.258

■ 8, 11.683, 37.258

■ 0, 11.683, 37.258

■ 58, 11.683, 37.258

■ 58, 11.683, 37.258

■ 54, 18.087, 37.425

■ 62, 5.766, 37.220

■ 51, 25.003, 37.749

■ 66, 0.302, 35.859

47, 32.421, 38.283

70, 4.751, 217.668

44, 40.291, 39.060

74, 9.437, 217.850

41, 48.477, 40.083

78, 13.800,
218.106

38, 56.685, 41.260

82, 17.877,
218.397

36, 64.265, 42.282

35, 70.393, 43.162

86, 21.704,
218.710

90, 25.224,
218.078

93, 28.190,
201.292

Harmonies

Complementary

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



58, 11.683, 37.258



62, 10.209, 217.997

Rectangle

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



58, 11.683, 37.258



58, 11.683, 87.258



58, 11.683, 217.258



58, 11.683, 267.258

Sweetspot

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



58, 11.682, 37.268



81, 3.984, 37.190



57, 20.142, 330.617



42, 2.644, 37.198



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, 11.682, 37.268



72, 17.964, 37.327



62, 13.097, 88.562



31, 3.028, 37.215



31, 64.073, 43.070



1, 3.853, 36.337

Inverse Universe

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



62, 10.209, 217.997



78, 15.144, 218.215



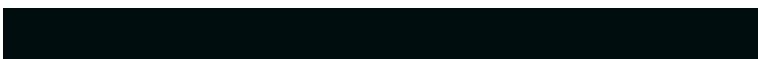
57, 13.040, 274.009



32, 2.860, 217.676



45, 28.316, 230.804



3, 3.766, 220.992

Previews

White Background



This preview shows how the CIELCh color 58, 11.683, 37.258 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, 11.683, 37.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

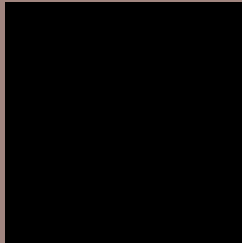
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 11.683, 37.258

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.683, 37.258.



This preview shows how white text looks on a background with the CIELCh color 58, 11.683, 37.258.

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, 11.683, 37.258

Protanopia

58, 5.468, 87.956

Deuteranopia

58, 10.536, 45.537



Tritanopia
58, 13.785, 354.107

Trichromacy



Original Color
58, 11.683, 37.258

Protanomaly
58, 6.963, 60.224

Deuteranomaly
58, 11.079, 41.177

Tritanomaly
58, 11.993, 7.081

Monochromacy



Original Color
58, 11.683, 37.258

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, 11.683, 37.258 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(160, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(160, 133, 127)  
}
```

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(160, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 133, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.683, 37.258 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(160, 133, 127) }
```

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

```
.border{ border-color:rgb(160, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(160, 133,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.683, 37.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 133, 127) }
```

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

```
.background{ background-color: rgb(160,  
133, 127) }
```

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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