

Converting Colors

CIELCh(58, 16.908, 73.523)

Have a look what the booklet for
CIELCh(58, 16.908, 73.523) contains.

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Color

CIELCh(58, 17.090, 75.068)

Conversions

Conversions Part 1

Format	Color
Hex	9E886F
RGB	158, 136, 111
RGB Percent	62%, 53%, 44%
CMY	0.3810, 0.4673, 0.5653
CMYK	0.00, 0.14, 0.30, 0.38
HSL	32°, 19%, 53%
HSV	32°, 30%, 62%
XYZ	25.7113, 25.9610, 18.6509
YIQ	139.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

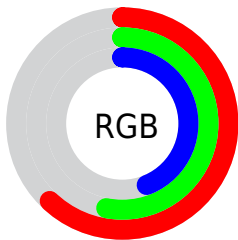
Format	Color
R_{YB}	152, 158, 111
Decimal	10389615
CIE _{Lab}	58.00, 4.40, 16.51
CIE _{LCh}	58, 17.090, 75.068
Yxy	25.9610, 0.3656, 0.3692
Android (android.graphics.Color)	4288579695 (0xFF9E886F)
YUV	139.7280, -14.1629, 16.0245
Hunter-Lab	50.9519, 0.9086, 13.9633

Details

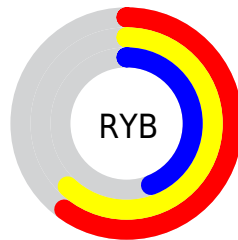
The CIELCh color $58, 17.090, 75.068$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 16.026, 263.408$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.874, 74.586$, and $38, 17.147, 74.169$ is the 20% darker color. If you saturate the color by 10%, you get $56, 23.298, 73.786$, and if you desaturate by 10%, it is $60, 11.119, 76.340$.

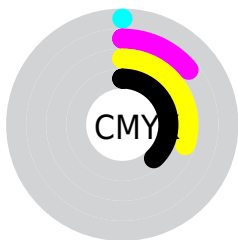
Distribution



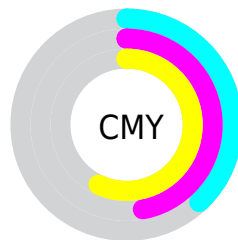
- Red (62%)
- Green (53%)
- Blue (44%)



- Red (60%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 17.090, 75.068 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, 17.090, 75.068 by changing the saturation by 10% instead.

■ 58, 17.090, 75.068

■ 58, 17.090, 75.068

■ 100, 17.090,
75.068

■ 48, 17.090, 75.068

■ 78, 17.090, 75.068

■ 38, 17.090, 75.068

■ 88, 17.090, 75.068

■ 28, 17.090, 75.068

■ 98, 17.090, 75.068

■ 18, 17.090, 75.068

■ 8, 17.090, 75.068

■ 0, 17.090, 75.068

■ 58, 17.090, 75.068

■ 58, 17.090, 75.068

■ 56, 23.298, 73.786

■ 60, 11.119, 76.340

■ 54, 29.720, 72.472

■ 63, 5.383, 77.562

51, 36.286, 71.122

65, 0.131, 261.028

49, 42.838, 69.693

68, 5.441, 260.071

47, 49.056, 68.091

70, 10.566,
261.189

45, 54.372, 66.123

72, 15.526,
262.281

44, 58.633, 63.821

44, 58.740, 63.776

75, 20.339,
263.332

78, 25.022,
264.337

80, 29.588,
265.296

Harmonies

Complementary

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



58, 17.090, 75.068



55, 16.026, 263.408

Rectangle

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



58, 17.090, 75.068



58, 17.090, 125.068



58, 17.090, 255.068



58, 17.090, 305.068

Sweetspot

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



58, 17.090, 75.075



79, 6.103, 77.632



52, 22.781, 347.307



41, 4.243, 77.472



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 17.090, 75.075



72, 25.831, 74.187



64, 25.810, 108.095



32, 3.116, 77.623



40, 54.523, 64.120



3, 3.935, 75.910

Inverse Universe

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



55, 16.026, 263.408



67, 23.822, 264.829



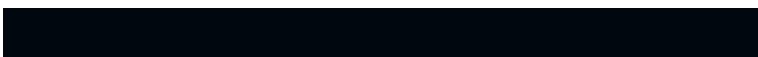
49, 27.695, 294.287



32, 3.066, 260.057



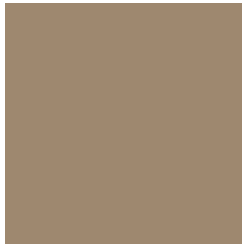
29, 48.918, 286.084



2, 4.104, 261.249

Previews

White Background



This preview shows how the CIELCh color 58, 17.090, 75.068 looks on a white background.

Color Contrast Check

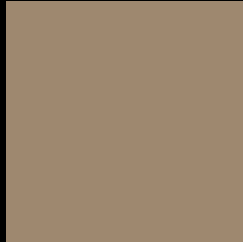
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.090, 75.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

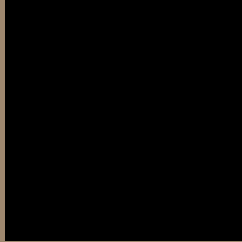
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 17.090, 75.068

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.090, 75.068.



This preview shows how white text looks on a background with the CIELCh color 58, 17.090, 75.068.

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, 17.090, 75.068

Protanopia

58, 15.723, 94.368

Deuteranopia

58, 18.190, 65.390



Tritanopia
58, 12.822, 354.647

Trichromacy



Original Color
58, 17.090, 75.068

Protanomaly
58, 15.883, 86.460

Deuteranomaly
58, 17.713, 69.535

Tritanomaly
58, 11.096, 26.322

Monochromacy



Original Color
58, 17.090, 75.068

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.031, 77.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.090, 75.068 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(158, 136, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 111)  
}
```

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(158, 136, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.090, 75.068 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(158, 136, 111) }
```

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

```
.border{ border-color:rgb(158, 136, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 111);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.090, 75.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 111) }
```

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

```
.background{ background-color: rgb(158,  
136, 111) }
```

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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