

Converting Colors

CIELCh(57, 17.860, 3.060)

Have a look what the booklet for
CIELCh(57, 17.860, 3.060) contains.

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Color

CIELCh(57, 17.846, 3.008)

Conversions

Conversions Part 1

Format	Color
Hex	A87E88
RGB	168, 126, 136
RGB Percent	66%, 49%, 53%
CMY	0.3422, 0.5069, 0.4677
CMYK	0.00, 0.25, 0.19, 0.34
HSL	346°, 19%, 58%
HSV	346°, 25%, 66%
XYZ	27.9455, 24.9227, 26.5353
YIQ	139.6980, 21.8220, 12.0140

Conversions

Conversions Part 2

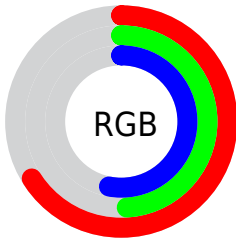
Format	Color
R_{YB}	168, 126, 136
Decimal	11042440
CIE _{Lab}	57.00, 17.82, 0.94
CIE _{LCh}	57, 17.846, 3.008
Yxy	24.9227, 0.3519, 0.3139
Android (android.graphics.Color)	4289232520 (0xFFA87E88)
YUV	139.6980, -1.8231, 24.8209
Hunter-Lab	49.9226, 12.5554, 3.4315

Details

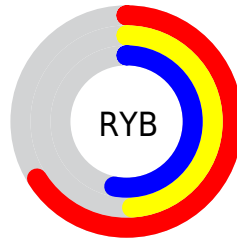
The CIELCh color **57, 17.846, 3.008** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 16.319, 178.077**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 17.859, 3.618**, and **37, 17.515, 4.051** is the 20% darker color. If you saturate the color by 10%, you get **53, 25.422, 4.428**, and if you desaturate by 10%, it is **62, 10.486, 1.814**.

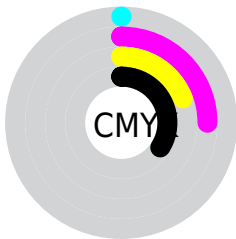
Distribution



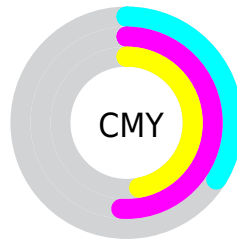
- Red (66%)
- Green (49%)
- Blue (53%)



- Red (66%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 17.846, 3.008 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 57, 17.846, 3.008 by changing the saturation by 10% instead.

 57, 17.846, 3.008  57, 17.846, 3.008

 100, 17.846, 3.008  47, 17.846, 3.008

 77, 17.846, 3.008  37, 17.846, 3.008

 87, 17.846, 3.008  27, 17.846, 3.008

 97, 17.846, 3.008  17, 17.846, 3.008

 7, 17.846, 3.008

 0, 17.846, 3.008

 57, 17.846, 3.008  57, 17.846, 3.008

 53, 25.422, 4.428  62, 10.486, 1.814

 48, 33.078, 6.144  66, 3.428, 0.721

45, 40.592, 8.269

71, 3.297, 180.108

41, 47.678, 10.938

76, 9.685, 179.253

39, 54.030, 14.306

81, 15.747,
178.553

37, 59.434, 18.502

86, 21.505,
177.933

35, 63.897, 23.517

35, 66.072, 26.013

91, 26.985,
177.374

94, 29.851,
180.391

95, 27.755,
193.152

Harmonies

Complementary

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



57, 17.846, 3.008



66, 16.319, 178.077

Rectangle

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



57, 17.846, 3.008



57, 17.846, 53.008



57, 17.846, 183.008



57, 17.846, 233.008

Sweetspot

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



57, 17.844, 3.012



83, 6.832, 1.069



57, 26.679, 318.355



43, 4.865, 1.225



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 17.844, 3.012



70, 26.881, 3.762



59, 14.470, 44.490



33, 3.907, 1.191



30, 59.963, 25.367



1, 6.883, 2.873

Inverse Universe

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



57, 17.844, 3.012



70, 26.881, 3.762



63, 12.361, 227.096



33, 3.907, 1.191



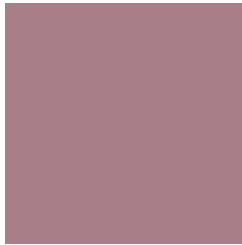
30, 59.963, 25.367



1, 6.883, 2.873

Previews

White Background



This preview shows how the CIELCh color 57, 17.846, 3.008 looks on a white background.

Color Contrast Check

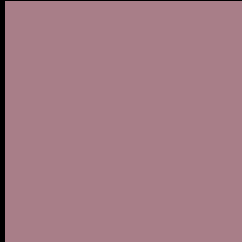
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 17.846, 3.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

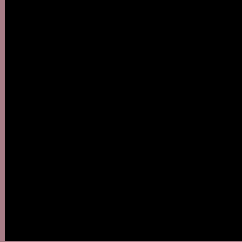
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 17.846, 3.008

Background



This preview shows how black text looks on a background with the CIELCh color 57, 17.846, 3.008.



This preview shows how white text looks on a background with the CIELCh color 57, 17.846, 3.008.

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
57, 17.846, 3.008

Protanopia
57, 3.525, 303.257

Deuteranopia
57, 7.254, 15.637



Tritanopia
57, 17.722, 4.774

Trichromacy



Original Color
57, 17.846, 3.008

Protanomaly
57, 8.129, 346.188

Deuteranomaly
57, 11.230, 6.009

Tritanomaly
57, 17.722, 4.774

Monochromacy



Original Color
57, 17.846, 3.008

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 6.381, 359.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 17.846, 3.008 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(168, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(168, 126, 136)  
}
```

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(168, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 126, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 17.846, 3.008 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(168, 126, 136) }
```

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

```
.border{ border-color:rgb(168, 126, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(168, 126,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 17.846, 3.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 126, 136) }
```

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

```
.background{ background-color: rgb(168,  
126, 136) }
```

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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