

Converting Colors

CIELCh(57, 5.126, 70.456)

Have a look what the booklet for
CIELCh(57, 5.126, 70.456) contains.

CIELCh(57, 5.388, 67.103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 5.388, 67.103)

Conversions

Conversions Part 1

Format	Color
Hex	908780
RGB	144, 135, 128
RGB Percent	56%, 53%, 50%
CMY	0.4342, 0.4695, 0.4970
CMYK	0.00, 0.06, 0.11, 0.43
HSL	26°, 7%, 53%
HSV	26°, 11%, 57%
XYZ	24.1649, 24.9227, 24.0510
YIQ	136.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

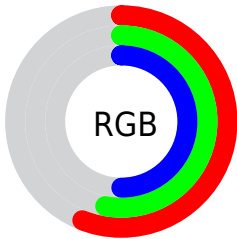
Format	Color
RYB	144, 140, 128
Decimal	9471872
CIELab	57.00, 2.10, 4.96
CIELCh	57, 5.388, 67.103
Yxy	24.9227, 0.3304, 0.3408
Android (android.graphics.Color)	4287661952 (0xFF908780)
YUV	136.8930, -4.3842, 6.2328
Hunter-Lab	49.9226, -0.9623, 6.3819

Details

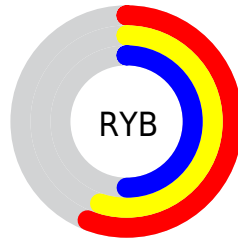
The CIELCh color $57, 5.388, 67.103$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 5.194, 249.756$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.310, 64.336$, and $37, 5.448, 62.350$ is the 20% darker color. If you saturate the color by 10%, you get $54, 10.535, 66.069$, and if you desaturate by 10%, it is $60, 0.513, 67.627$.

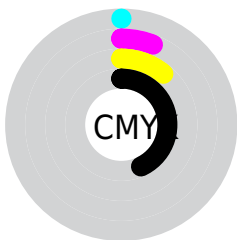
Distribution



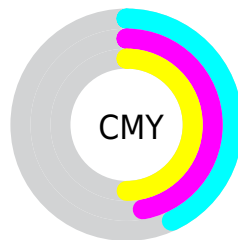
- Red (56%)
- Green (53%)
- Blue (50%)



- Red (56%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (43%)



- Cyan (43%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 5.388, 67.103 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, 5.388, 67.103 by changing the saturation by 10% instead.

 57, 5.388, 67.103

 57, 5.388, 67.103

 100, 5.388, 67.103

 47, 5.388, 67.103

 77, 5.388, 67.103

 37, 5.388, 67.103

 87, 5.388, 67.103

 27, 5.388, 67.103

 97, 5.388, 67.103

 17, 5.388, 67.103

 7, 5.388, 67.103

 0, 5.388, 67.103

 57, 5.388, 67.103

 57, 5.388, 67.103

 54, 10.535, 66.069

 60, 0.513, 67.627

 52, 15.976, 65.005

 62, 4.116, 249.414

49, 21.727, 63.951

65, 8.527, 250.423

47, 27.781, 62.913

68, 12.744,
251.436

45, 34.095, 61.882

70, 16.789,
252.424

43, 40.545, 60.815

40, 46.860, 59.603

73, 20.684,
253.381

39, 52.503, 58.015

76, 24.446,
254.303

37, 57.093, 56.556

78, 28.092,
255.188

81, 30.418,
253.834

Harmonies

Complementary

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



57, 5.388, 67.103



57, 5.194, 249.756

Rectangle

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



57, 5.388, 67.103



57, 5.388, 117.103



57, 5.388, 247.103



57, 5.388, 297.103

Sweetspot

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



57, 5.388, 67.123



76, 1.771, 67.827



55, 8.210, 341.038



39, 1.342, 67.791



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 5.388, 67.123



72, 7.907, 66.897



59, 8.425, 106.264



29, 2.705, 67.318



35, 54.357, 56.801



1, 1.789, 68.375

Inverse Universe

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



57, 5.194, 249.756



72, 7.558, 250.036



54, 8.608, 288.548



29, 2.626, 249.522



32, 38.805, 275.865



1, 1.790, 248.390

Previews

White Background



This preview shows how the CIELCh color 57, 5.388, 67.103 looks on a white background.

Color Contrast Check

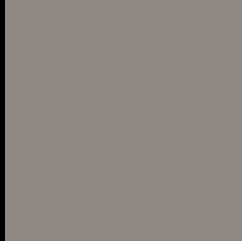
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 5.388, 67.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

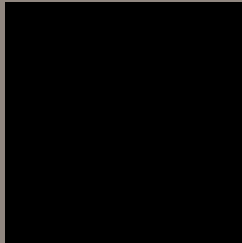
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

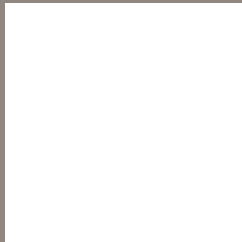
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 5.388, 67.103

Background



This preview shows how black text looks on a background with the CIELCh color 57, 5.388, 67.103.



This preview shows how white text looks on a background with the CIELCh color 57, 5.388, 67.103.

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, 5.388, 67.103

Protanopia

57, 4.446, 82.779

Deuteranopia

57, 8.741, 31.418



Tritanopia
57, 7.667, 332.146

Trichromacy



Original Color
57, 5.388, 67.103

Protanomaly
57, 4.642, 78.302

Deuteranomaly
57, 7.281, 38.151

Tritanomaly
57, 4.922, 352.308

Monochromacy



Original Color
57, 5.388, 67.103

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 1.940, 55.176

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 57, 5.388, 67.103 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(144, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 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(144, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 5.388, 67.103 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(144, 135, 128) }
```

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

```
.border{ border-color:rgb(144, 135, 128) }
```

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

Here you see how a box with a 4 pixel rgb(144, 135, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(144, 135,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 5.388, 67.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 135, 128) }
```

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

```
.background{ background-color: rgb(144,  
135, 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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