

Converting Colors

CIELCh(57, 5.748, 74.796)

Have a look what the booklet for
CIELCh(57, 5.748, 74.796) contains.

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Color

CIELCh(57, 6.048, 77.063)

Conversions

Conversions Part 1

Format	Color
Hex	90887F
RGB	144, 136, 127
RGB Percent	56%, 53%, 50%
CMY	0.4368, 0.4681, 0.5034
CMYK	0.00, 0.06, 0.12, 0.44
HSL	32°, 7%, 53%
HSV	32°, 12%, 56%
XYZ	23.9954, 24.9227, 23.4997
YIQ	137.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

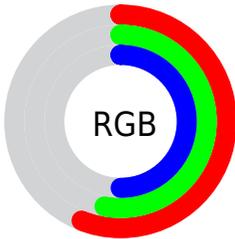
Format	Color
R _Y B	142, 144, 127
Decimal	9472127
CIE Lab	57.00, 1.35, 5.89
CIE LCh	57, 6.048, 77.063
Yxy	24.9227, 0.3313, 0.3442
Android (android.graphics.Color)	4287662207 (0xFF90887F)
YUV	137.3660, -5.1104, 5.8180
Hunter-Lab	49.9226, -1.5683, 7.0367

Details

The CIELCh color $57, 6.048, 77.063$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 5.914, 260.148$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.885, 74.258$, and $37, 6.082, 73.453$ is the 20% darker color. If you saturate the color by 10%, you get $55, 11.393, 75.859$, and if you desaturate by 10%, it is $59, 0.913, 78.043$.

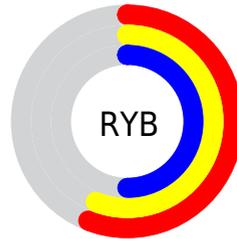
Distribution



Red (56%)

Green (53%)

Blue (50%)



Red (56%)

Yellow (56%)

Blue (50%)

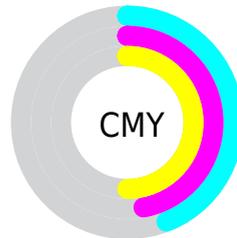


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.048, 77.063 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, 6.048, 77.063 by changing the saturation by 10% instead.

 57, 6.048, 77.063  57, 6.048, 77.063

 100, 6.048, 77.063  47, 6.048, 77.063

 77, 6.048, 77.063  37, 6.048, 77.063

 87, 6.048, 77.063  27, 6.048, 77.063

 97, 6.048, 77.063  17, 6.048, 77.063

 7, 6.048, 77.063

 0, 6.048, 77.063

 57, 6.048, 77.063  57, 6.048, 77.063

 55, 11.393, 75.859  59, 0.913, 78.043

 53, 16.957, 74.602  61, 4.031, 259.587

51, 22.739, 73.322

64, 8.800, 260.693

48, 28.714, 72.019

66, 13.413,
261.784

47, 34.808, 70.676

68, 17.886,
262.835

45, 40.859, 69.246

43, 46.548, 67.625

71, 22.235,
263.843

41, 51.323, 65.607

73, 26.474,
264.806

40, 54.798, 63.893

75, 30.614,
265.723

78, 34.255,
266.143

Harmonies

Complementary

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



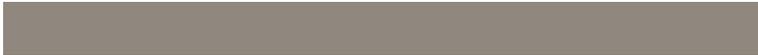
57, 6.048, 77.063



56, 5.914, 260.148

Rectangle

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



57, 6.048, 77.063



57, 6.048, 127.063



57, 6.048, 257.063



57, 6.048, 307.063

Sweetspot

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



57, 6.049, 77.080



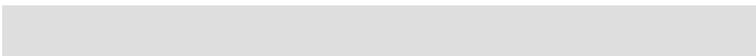
74, 2.484, 77.937



55, 8.252, 345.504



39, 1.783, 77.872



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

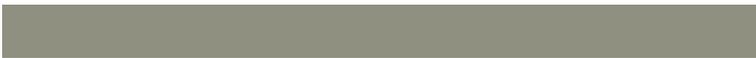
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 6.049, 77.080



72, 8.890, 76.785



59, 9.569, 109.756



29, 2.857, 77.392



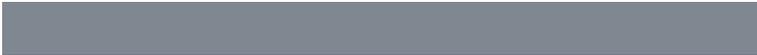
37, 52.385, 64.116



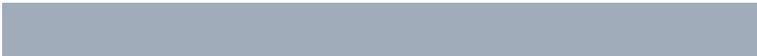
1, 1.903, 78.551

Inverse Universe

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



56, 5.914, 260.148



70, 8.642, 260.500



54, 9.825, 292.007



29, 2.811, 259.788



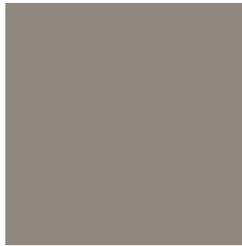
28, 46.540, 285.624



1, 1.903, 258.563

Previews

White Background



This preview shows how the CIELCh color 57, 6.048, 77.063 looks on a white background.

Color Contrast Check

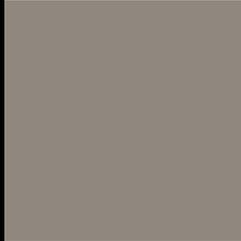
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.048, 77.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

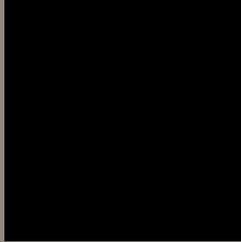
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

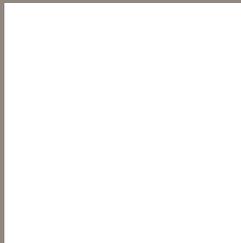
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 6.048, 77.063

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.048, 77.063.



This preview shows how white text looks on a background with the CIELCh color 57, 6.048, 77.063.

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, 6.048, 77.063

Protanopia

57, 5.652, 84.083

Deuteranopia

57, 9.483, 37.590



Tritanopia
57, 8.097, 329.457

Trichromacy



Original Color
57, 6.048, 77.063

Protanomaly
57, 5.838, 80.457

Deuteranomaly
57, 7.751, 46.004

Tritanomaly
57, 4.922, 352.308

Monochromacy



Original Color
57, 6.048, 77.063

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.396, 90.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.048, 77.063 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, 136, 127)` looks like.

```
.text, #text, p{  
    color:rgb(144, 136, 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(144, 136, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 136, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.048, 77.063 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, 136, 127) }
```

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

```
.border{ border-color:rgb(144, 136, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 136, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 136, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 136, 127);  
box-shadow:4px 4px 4px 4px rgb(144, 136,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.048, 77.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 136, 127) }
```

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

```
.background{ background-color: rgb(144,  
136, 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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