

Converting Colors

CIELCh(57, 3.726, 43.253)

Have a look what the booklet for
CIELCh(57, 3.726, 43.253) contains.

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Color

CIELCh(57, 3.980, 44.968)

Conversions

Conversions Part 1

Format	Color
Hex	908784
RGB	144, 135, 132
RGB Percent	56%, 53%, 52%
CMY	0.4353, 0.4706, 0.4824
CMYK	0.00, 0.06, 0.08, 0.44
HSL	15°, 5%, 54%
HSV	15°, 8%, 56%
XYZ	24.3299, 24.9227, 25.3576
YIQ	137.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

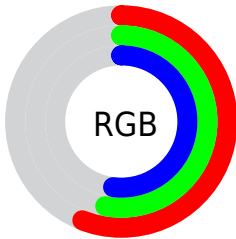
Format	Color
R_{YB}	144, 136, 132
Decimal	9471876
CIE Lab	57.00, 2.82, 2.81
CIE LCh	57, 3.980, 44.968
Yxy	24.9227, 0.3261, 0.3340
Android (android.graphics.Color)	4287661956 (0xFF908784)
YUV	137.3490, -2.6371, 5.8329
Hunter-Lab	49.9226, -0.3721, 4.8302

Details

The CIELCh color $57, 3.980, 44.968$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 3.798, 225.967$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 4.072, 42.749$, and $37, 4.120, 37.210$ is the 20% darker color. If you saturate the color by 10%, you get $54, 9.102, 44.697$, and if you desaturate by 10%, it is $60, 0.770, 226.059$.

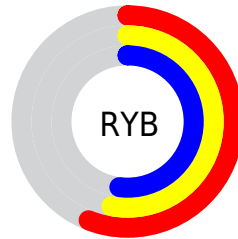
Distribution



Red (56%)

Green (53%)

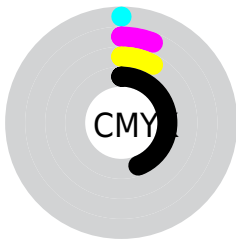
Blue (52%)



Red (56%)

Yellow (53%)

Blue (52%)

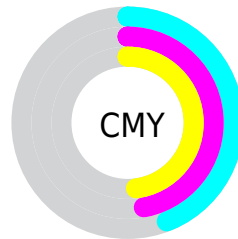


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 3.980, 44.968 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, 3.980, 44.968 by changing the saturation by 10% instead.

■ 57, 3.980, 44.968 ■ 57, 3.980, 44.968

■ 100, 3.980, 44.968 ■ 47, 3.980, 44.968

■ 77, 3.980, 44.968 ■ 37, 3.980, 44.968

■ 87, 3.980, 44.968 ■ 27, 3.980, 44.968

■ 97, 3.980, 44.968 ■ 17, 3.980, 44.968

■ 7, 3.980, 44.968

■ 0, 3.980, 44.968

■ 57, 3.980, 44.968 ■ 57, 3.980, 44.968

■ 54, 9.102, 44.697 ■ 60, 0.770, 226.059

■ 50, 14.634, 44.451 ■ 64, 5.184, 226.074

47, 20.602, 44.313

67, 9.301, 226.544

44, 27.018, 44.314

71, 13.155,
227.058

41, 33.862, 44.477

74, 16.778,
227.588

39, 41.054, 44.797

36, 48.397, 45.206

77, 20.199,
228.125

34, 55.442, 45.494

81, 23.442,
228.661

33, 61.693, 45.589

84, 26.529,
229.191

87, 28.378,
222.975

Harmonies

Complementary

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



57, 3.980, 44.968



58, 3.798, 225.967

Rectangle

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



57, 3.980, 44.968



57, 3.980, 94.968



57, 3.980, 224.968



57, 3.980, 274.968

Sweetspot

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



57, 3.980, 44.994



75, 1.148, 44.922



56, 6.996, 332.828



40, 0.657, 44.898



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, 3.980, 44.994



71, 5.931, 44.941



59, 5.215, 96.254



28, 2.687, 44.971



30, 59.539, 45.650



1, 1.758, 45.438

Inverse Universe

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



58, 3.798, 225.967



73, 5.595, 226.056



56, 5.253, 278.252



29, 2.551, 226.005



40, 28.358, 244.977



1, 1.759, 225.458

Previews

White Background



This preview shows how the CIELCh color 57, 3.980, 44.968 looks on a white background.

Color Contrast Check

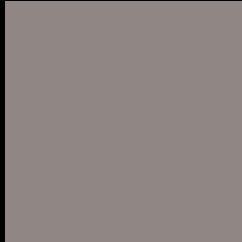
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.980, 44.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

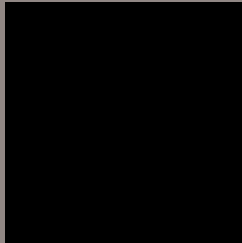
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

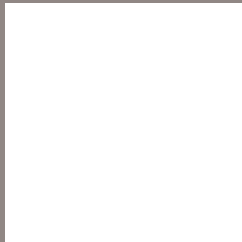
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 3.980, 44.968

Background



This preview shows how black text looks on a background with the CIELCh color 57, 3.980, 44.968.



This preview shows how white text looks on a background with the CIELCh color 57, 3.980, 44.968.

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, 3.980, 44.968

Protanopia

57, 2.319, 66.646

Deuteranopia

57, 8.083, 16.195



Tritanopia
57, 8.097, 329.457

Trichromacy



Original Color
57, 3.980, 44.968

Protanomaly
57, 2.608, 60.196

Deuteranomaly
57, 6.431, 20.011

Tritanomaly
57, 5.535, 341.810

Monochromacy



Original Color
57, 3.980, 44.968

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 1.674, 39.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 3.980, 44.968 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 3.980, 44.968 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, 132) }
```

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

```
.border{ border-color:rgb(144, 135, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 135, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 135, 132);  
box-shadow:4px 4px 4px 4px rgb(144, 135,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 3.980, 44.968 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, 132) }
```

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

```
.background{ background-color: rgb(144,  
135, 132) }
```

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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