

Converting Colors

CIELCh(57, 3.959, 354.164)

Have a look what the booklet for
CIELCh(57, 3.959, 354.164) contains.

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Color

CIELCh(57, 3.954, 354.160)

Conversions

Conversions Part 1

Format	Color
Hex	90878A
RGB	144, 135, 138
RGB Percent	56%, 53%, 54%
CMY	0.4370, 0.4722, 0.4605
CMYK	0.00, 0.06, 0.04, 0.44
HSL	340°, 4%, 55%
HSV	340°, 6%, 56%
XYZ	24.5878, 24.9227, 27.3976
YIQ	138.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

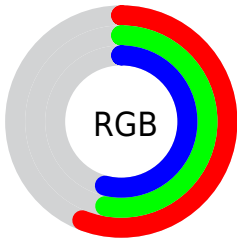
Format	Color
RYB	144, 135, 138
Decimal	9471882
CIELab	57.00, 3.93, -0.40
CIELCh	57, 3.954, 354.160
Yxy	24.9227, 0.3197, 0.3241
Android (android.graphics.Color)	4287661962 (0xFF90878A)
YUV	138.0330, -0.0163, 5.2331
Hunter-Lab	49.9226, 0.5499, 2.4074

Details

The CIELCh color $57, 3.954, 354.160$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 3.887, 173.245$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 4.061, 356.309$, and $37, 4.289, 354.463$ is the 20% darker color. If you saturate the color by 10%, you get $53, 10.447, 355.220$, and if you desaturate by 10%, it is $61, 2.305, 173.549$.

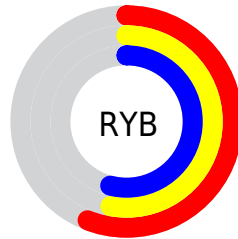
Distribution



Red (56%)

Green (53%)

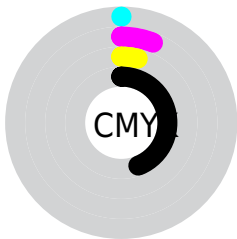
Blue (54%)



Red (56%)

Yellow (53%)

Blue (54%)

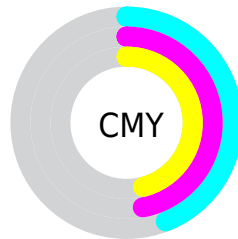


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 3.954, 354.160 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, 3.954, 354.160 by changing the saturation by 10% instead.

■ 57, 3.954, 354.160

■ 57, 3.954, 354.160

■ 100, 3.954,
354.160

■ 47, 3.954, 354.160

■ 77, 3.954, 354.160

■ 37, 3.954, 354.160

■ 87, 3.954, 354.160

■ 27, 3.954, 354.160

■ 97, 3.954, 354.160

■ 17, 3.954, 354.160

■ 7, 3.954, 354.160

■ 0, 3.954, 354.160

■ 57, 3.954, 354.160

■ 57, 3.954, 354.160

■ 53, 10.447,
355.220

■ 61, 2.305, 173.549

■ 65, 8.304, 172.654

49, 17.131,
356.371

70, 14.045,
171.932

45, 23.911,
357.709

74, 19.538,
171.285

41, 30.636,
359.301

78, 24.798,
170.696

38, 37.084, 1.238

83, 29.843,
170.156

35, 42.973, 3.643

87, 34.693,
169.657

33, 48.007, 6.668

31, 51.970, 10.473

91, 39.364,
169.196

30, 54.941, 15.093

93, 39.434,
172.711

Harmonies

Complementary

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



57, 3.954, 354.160



59, 3.887, 173.245

Rectangle

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



57, 3.954, 354.160



57, 3.954, 44.160



57, 3.954, 174.160



57, 3.954, 224.160

Sweetspot

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



57, 3.952, 354.172



75, 1.550, 353.598



57, 5.664, 314.896



39, 0.888, 353.567



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, 3.952, 354.172



71, 6.262, 354.373



57, 3.092, 35.519



28, 3.566, 354.477



28, 53.599, 16.474



0, 2.369, 353.699

Inverse Universe

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



57, 3.952, 354.172



71, 6.262, 354.373



58, 2.978, 215.893



28, 3.566, 354.477



28, 53.599, 16.474



0, 2.369, 353.699

Previews

White Background



This preview shows how the CIELCh color 57, 3.954, 354.160 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, 3.954, 354.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

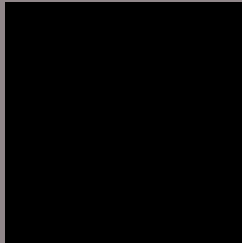
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

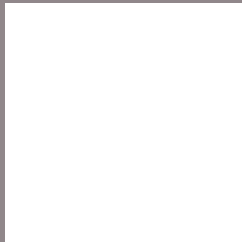
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 3.954, 354.160

Background



This preview shows how black text looks on a background with the CIELCh color 57, 3.954, 354.160.

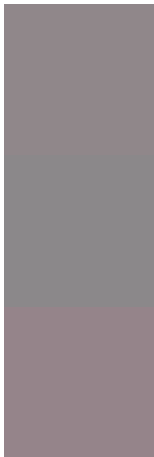


This preview shows how white text looks on a background with the CIELCh color 57, 3.954, 354.160.

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, 3.954, 354.160

Protanopia

57, 1.652, 335.649

Deuteranopia

57, 7.572, 353.398



Tritanopia
57, 7.163, 327.389

Trichromacy



Original Color

57, 3.954, 354.160

Protanomaly

57, 2.931, 343.881

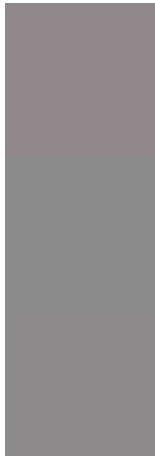
Deuteranomaly

57, 6.246, 352.929

Tritanomaly

57, 6.036, 330.905

Monochromacy



Original Color

57, 3.954, 354.160

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 1.317, 353.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 3.954, 354.160 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 3.954, 354.160 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, 138) }
```

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

```
.border{ border-color:rgb(144, 135, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(144, 135,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 3.954, 354.160 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, 138) }
```

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

```
.background{ background-color: rgb(144,  
135, 138) }
```

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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