

Converting Colors

CIELCh(57, 3.407, 41.917)

Have a look what the booklet for
CIELCh(57, 3.407, 41.917) contains.

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Color

CIELCh(57, 3.381, 39.219)

Conversions

Conversions Part 1

Format	Color
Hex	8F8785
RGB	143, 135, 133
RGB Percent	56%, 53%, 52%
CMY	0.4386, 0.4700, 0.4778
CMYK	0.00, 0.06, 0.07, 0.44
HSL	12°, 4%, 54%
HSV	12°, 7%, 56%
XYZ	24.2848, 24.9227, 25.7772
YIQ	137.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

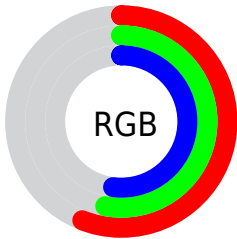
Format	Color
R_{YB}	143, 136, 133
Decimal	9406341
CIE _{Lab}	57.00, 2.62, 2.14
CIE _{LCh}	57, 3.381, 39.219
Yxy	24.9227, 0.3239, 0.3324
Android (android.graphics.Color)	4287596421 (0xFF8F8785)
YUV	137.1640, -2.0529, 5.1182
Hunter-Lab	49.9226, -0.5335, 4.3319

Details

The CIELCh color $57, 3.381, 39.219$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 3.244, 219.819$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 3.526, 37.172$, and $37, 3.529, 29.837$ is the 20% darker color. If you saturate the color by 10%, you get $54, 8.555, 39.201$, and if you desaturate by 10%, it is $61, 1.406, 219.883$.

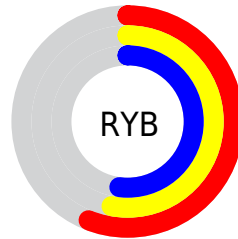
Distribution



Red (56%)

Green (53%)

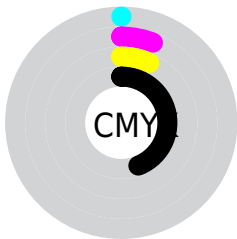
Blue (52%)



Red (56%)

Yellow (53%)

Blue (52%)

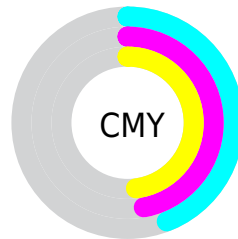


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 3.381, 39.219 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, 3.381, 39.219 by changing the saturation by 10% instead.

■ 57, 3.381, 39.219 ■ 57, 3.381, 39.219

■ 100, 3.381, 39.219 ■ 47, 3.381, 39.219

■ 77, 3.381, 39.219 ■ 37, 3.381, 39.219

■ 87, 3.381, 39.219 ■ 27, 3.381, 39.219

■ 97, 3.381, 39.219 ■ 17, 3.381, 39.219

■ 7, 3.381, 39.219

■ 0, 3.381, 39.219

■ 57, 3.381, 39.219 ■ 57, 3.381, 39.219

■ 54, 8.555, 39.201 ■ 61, 1.406, 219.883

■ 50, 14.152, 39.210 ■ 64, 5.843, 219.924

47, 20.200, 39.352

68, 9.969, 220.210

44, 26.706, 39.668

71, 13.822,
220.544

41, 33.648, 40.193

75, 17.433,
220.904

38, 40.947, 40.940

35, 48.418, 41.864

79, 20.832,
221.279

33, 55.652, 42.780

82, 24.046,
221.661

32, 61.976, 43.417

86, 27.097,
222.045

89, 29.307,
215.249

Harmonies

Complementary

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



57, 3.381, 39.219



58, 3.244, 219.819

Rectangle

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



57, 3.381, 39.219



57, 3.381, 89.219



57, 3.381, 219.219



57, 3.381, 269.219

Sweetspot

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



57, 3.380, 39.248



75, 1.175, 39.029



57, 6.043, 330.908



40, 0.673, 39.002



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, 3.380, 39.248



72, 4.819, 39.248



58, 4.126, 92.836



28, 2.750, 39.244



29, 60.782, 43.596



1, 1.797, 39.503

Inverse Universe

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



58, 3.244, 219.819



74, 4.590, 219.838



57, 4.142, 274.590



29, 2.603, 219.859



42, 27.352, 234.520



1, 1.798, 219.522

Previews

White Background



This preview shows how the CIELCh color 57, 3.381, 39.219 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, 3.381, 39.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

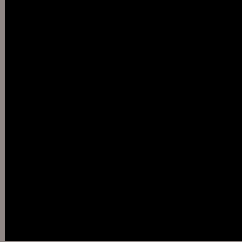
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 3.381, 39.219

Background



This preview shows how black text looks on a background with the CIELCh color 57, 3.381, 39.219.



This preview shows how white text looks on a background with the CIELCh color 57, 3.381, 39.219.

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, 3.381, 39.219

Protanopia

57, 1.940, 55.176

Deuteranopia

57, 7.717, 11.730



Tritanopia
57, 7.859, 327.203

Trichromacy



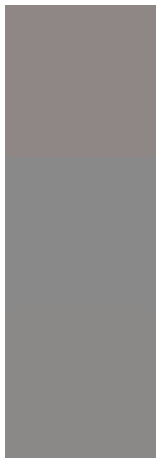
Original Color
57, 3.381, 39.219

Protanomaly
57, 2.277, 49.330

Deuteranomaly
57, 6.035, 14.579

Tritanomaly
57, 5.231, 339.081

Monochromacy



Original Color
57, 3.381, 39.219

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 1.182, 19.175

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 57, 3.381, 39.219 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(143, 135, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 135, 133)  
}
```

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(143, 135, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 135, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 3.381, 39.219 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(143, 135, 133) }
```

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

```
.border{ border-color:rgb(143, 135, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 135, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 135, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 135, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 135,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 3.381, 39.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 135, 133) }
```

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

```
.background{ background-color: rgb(143,  
135, 133) }
```

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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