

Converting Colors

CIELCh(57, 2.030, 344.692)

Have a look what the booklet for
CIELCh(57, 2.030, 344.692) contains.

CIELCh(57, 1.954, 343.716)	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, 1.954, 343.716)

Conversions

Conversions Part 1

Format	Color
Hex	8C888A
RGB	140, 136, 138
RGB Percent	55%, 53%, 54%
CMY	0.4519, 0.4676, 0.4598
CMYK	0.00, 0.03, 0.01, 0.45
HSL	330°, 2%, 54%
HSV	330°, 3%, 55%
XYZ	24.1144, 24.9227, 27.4925
YIQ	137.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

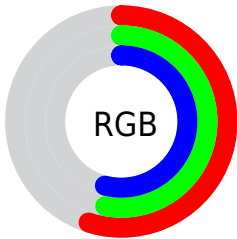
Format	Color
R_{YB}	140, 136, 138
Decimal	9209994
CIE Lab	57.00, 1.88, -0.55
CIE LCh	57, 1.954, 343.716
Yxy	24.9227, 0.3151, 0.3257
Android (android.graphics.Color)	4287400074 (0xFF8C888A)
YUV	137.4240, 0.2840, 2.2592
Hunter-Lab	49.9226, -1.1428, 2.2947

Details

The CIELCh color $57, 1.954, 343.716$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 1.936, 163.602$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 2.152, 349.439$, and $37, 2.116, 343.878$ is the 20% darker color. If you saturate the color by 10%, you get $53, 8.876, 344.688$, and if you desaturate by 10%, it is $61, 4.786, 163.199$.

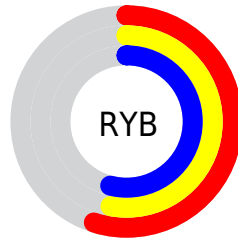
Distribution



Red (55%)

Green (53%)

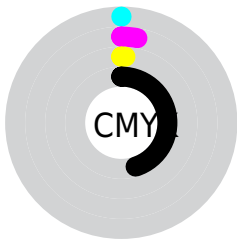
Blue (54%)



Red (55%)

Yellow (53%)

Blue (54%)

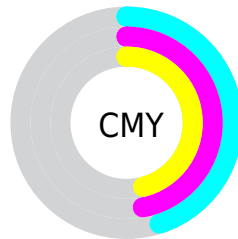


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 1.954, 343.716 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, 1.954, 343.716 by changing the saturation by 10% instead.

■ 57, 1.954, 343.716

■ 57, 1.954, 343.716

■ 100, 1.954,
343.716

■ 47, 1.954, 343.716

■ 77, 1.954, 343.716

■ 37, 1.954, 343.716

■ 87, 1.954, 343.716

■ 27, 1.954, 343.716

■ 97, 1.954, 343.716

■ 17, 1.954, 343.716

■ 7, 1.954, 343.716

■ 0, 1.954, 343.716

■ 57, 1.954, 343.716

■ 57, 1.954, 343.716

■ 53, 8.876, 344.688

■ 61, 4.786, 163.199

■ 49, 15.928,

■ 65, 11.310,

345.625

162.466

45, 23.006,
346.665

69, 17.609,
161.814

42, 29.953,
347.848

73, 23.687,
161.215

39, 36.540,
349.225

78, 29.552,
160.660

36, 42.468,
350.866

82, 35.217,
160.144

33, 47.397,
352.870

86, 40.696,
159.662

31, 51.017,
355.368

90, 46.004,
159.211

30, 53.163,
358.507

92, 47.605,
160.482

Harmonies

Complementary

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



57, 1.954, 343.716



58, 1.936, 163.602

Rectangle

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



57, 1.954, 343.716



57, 1.954, 33.716



57, 1.954, 163.716



57, 1.954, 213.716

Sweetspot

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



57, 1.952, 343.732



73, 0.845, 343.301



57, 2.425, 309.151



39, 0.485, 343.265



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 1.952, 343.732



72, 2.531, 343.759



57, 1.577, 19.303



28, 1.523, 343.830



28, 52.275, 0.748



0, 1.759, 343.662

Inverse Universe

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



57, 1.952, 343.732



72, 2.531, 343.759



58, 1.549, 199.525



28, 1.523, 343.830



28, 52.275, 0.748



0, 1.759, 343.662

Previews

White Background



This preview shows how the CIELCh color 57, 1.954, 343.716 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, 1.954, 343.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

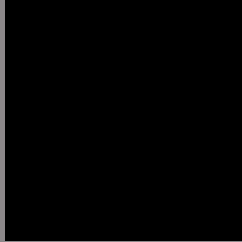
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

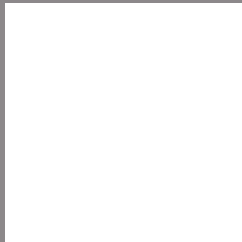
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 1.954, 343.716

Background



This preview shows how black text looks on a background with the CIELCh color 57, 1.954, 343.716.



This preview shows how white text looks on a background with the CIELCh color 57, 1.954, 343.716.

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, 1.954, 343.716

Protanopia

57, 1.652, 335.649

Deuteranopia

57, 7.572, 353.398



Tritanopia
57, 6.189, 312.742

Trichromacy



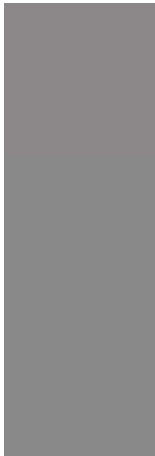
Original Color
57, 1.954, 343.716

Protanomaly
57, 1.652, 335.649

Deuteranomaly
57, 5.894, 351.102

Tritanomaly
57, 4.653, 320.675

Monochromacy



Original Color
57, 1.954, 343.716

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 0.393, 18.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 1.954, 343.716 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(140, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(140, 136, 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(140, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 136, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 1.954, 343.716 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(140, 136, 138) }
```

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

```
.border{ border-color:rgb(140, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 136,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 1.954, 343.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 136, 138) }
```

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

```
.background{ background-color: rgb(140,  
136, 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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