

Converting Colors

CIELCh(57, 10.509, 344.789)

Have a look what the booklet for
CIELCh(57, 10.509, 344.789)
contains.

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Color

CIELCh(57, 10.709, 344.820)

Conversions

Conversions Part 1

Format	Color
Hex	99838E
RGB	153, 131, 142
RGB Percent	60%, 51%, 56%
CMY	0.4004, 0.4866, 0.4435
CMYK	0.00, 0.14, 0.07, 0.40
HSL	330°, 10%, 56%
HSV	330°, 14%, 60%
XYZ	26.1000, 24.9227, 28.9911
YIQ	138.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

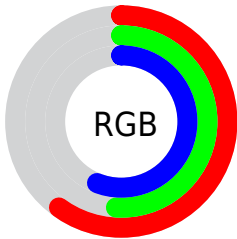
Format	Color
R _Y B	153, 131, 142
Decimal	10060686
CIE Lab	57.00, 10.34, -2.80
CIE LCh	57, 10.709, 344.820
Yxy	24.9227, 0.3262, 0.3115
Android (android.graphics.Color)	4288250766 (0xFF99838E)
YUV	138.8320, 1.5618, 12.4253
Hunter-Lab	49.9226, 5.9569, 0.5149

Details

The CIELCh color $57, 10.709, 344.820$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 10.517, 162.484$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 10.705, 343.375$, and $37, 10.517, 345.235$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.311, 345.782$, and if you desaturate by 10%, it is $61, 3.227, 343.900$.

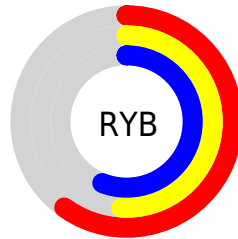
Distribution



Red (60%)

Green (51%)

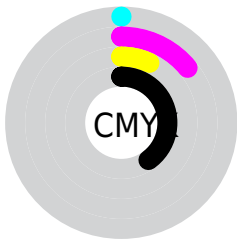
Blue (56%)



Red (60%)

Yellow (51%)

Blue (56%)

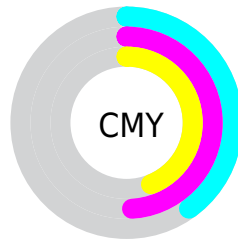


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (40%)



Cyan (40%)


Magenta (49%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 10.709, 344.820 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, 10.709, 344.820 by changing the saturation by 10% instead.


 57, 10.709,
344.820


 57, 10.709,
344.820


 100, 10.709,
344.820


 47, 10.709,
344.820


 77, 10.709,
344.820

 37, 10.709,
344.820


 87, 10.709,
344.820

 27, 10.709,
344.820

 97, 10.709,
344.820

 17, 10.709,
344.820

 7, 10.709, 344.820

 0, 10.709, 344.820

57, 10.709,
344.820

57, 10.709,
344.820

53, 18.311,
345.782

61, 3.227, 343.900

49, 25.920,
346.852

66, 4.060, 163.311

45, 33.347,
348.076

70, 11.117,
162.550

42, 40.328,
349.507

75, 17.932,
161.885

39, 46.524,
351.225

79, 24.504,
161.275

36, 51.561,
353.335

83, 30.845,
160.710

34, 55.121,
355.977

88, 36.967,
160.186

33, 57.089,

92, 42.885,
159.696

359.299

 93, 41.236,
163.255

 32, 57.925, 1.317

Harmonies

Complementary

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



57, 10.709, 344.820



61, 10.517, 162.484

Rectangle

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



57, 10.709, 344.820



57, 10.709, 34.820



57, 10.709, 164.820



57, 10.709, 214.820

Sweetspot

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



57, 10.707, 344.823



78, 3.646, 343.868



56, 13.319, 309.703



41, 2.586, 343.941



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 10.707, 344.823



71, 15.726, 345.097



57, 8.924, 20.303



30, 4.184, 344.356



30, 54.421, 0.967



1, 4.448, 344.103

Inverse Universe

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



57, 10.707, 344.823



71, 15.726, 345.097



62, 8.156, 198.708



30, 4.184, 344.356



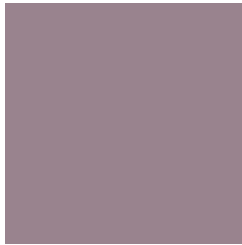
30, 54.421, 0.967



1, 4.448, 344.103

Previews

White Background



This preview shows how the CIELCh color 57, 10.709, 344.820 looks on a white background.

Color Contrast Check

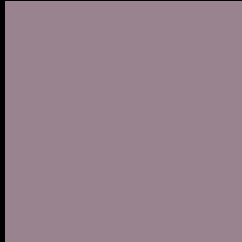
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.709, 344.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

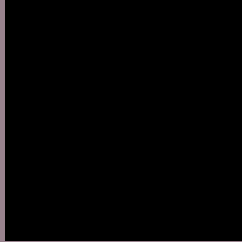
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 10.709, 344.820

Background



This preview shows how black text looks on a background with the CIELCh color 57, 10.709, 344.820.



This preview shows how white text looks on a background with the CIELCh color 57, 10.709, 344.820.

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, 10.709, 344.820

Protanopia
57, 5.160, 295.040

Deuteranopia
57, 7.831, 339.341



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 10.709, 344.820

Protanomaly
57, 6.726, 322.013

Deuteranomaly
57, 9.105, 341.675

Tritanomaly
57, 10.401, 347.395

Monochromacy



Original Color
57, 10.709, 344.820

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 3.898, 344.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 10.709, 344.820 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(153, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 142)  
}
```

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(153, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 10.709, 344.820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

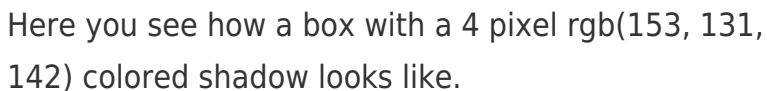
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 131, 142) }
```

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

```
.border{ border-color:rgb(153, 131, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 10.709, 344.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 142) }
```

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

```
.background{ background-color: rgb(153,  
131, 142) }
```

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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