

Converting Colors

CIELCh(57, 9.612, 354.953)

Have a look what the booklet for
CIELCh(57, 9.612, 354.953) contains.

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Color

CIELCh(57, 9.858, 353.009)

Conversions

Conversions Part 1

Format	Color
Hex	99838B
RGB	153, 131, 139
RGB Percent	60%, 51%, 55%
CMY	0.3995, 0.4857, 0.4544
CMYK	0.00, 0.14, 0.09, 0.40
HSL	338°, 10%, 56%
HSV	338°, 14%, 60%
XYZ	25.9676, 24.9227, 27.9201
YIQ	138.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

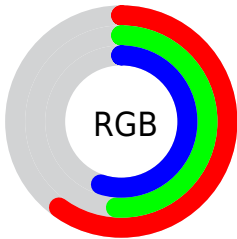
Format	Color
R _Y B	153, 131, 139
Decimal	10060683
CIE Lab	57.00, 9.78, -1.20
CIE LCh	57, 9.858, 353.009
Yxy	24.9227, 0.3295, 0.3162
Android (android.graphics.Color)	4288250763 (0xFF99838B)
YUV	138.4900, 0.2514, 12.7253
Hunter-Lab	49.9226, 5.4833, 1.7869

Details

The CIELCh color $57, 9.858, 353.009$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.548, 170.452$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.613, 353.733$, and $37, 9.637, 354.383$ is the 20% darker color. If you saturate the color by 10%, you get $53, 16.960, 354.120$, and if you desaturate by 10%, it is $61, 2.947, 351.969$.

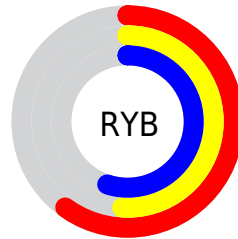
Distribution



Red (60%)

Green (51%)

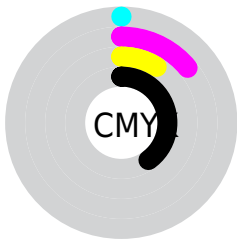
Blue (55%)



Red (60%)

Yellow (51%)

Blue (55%)

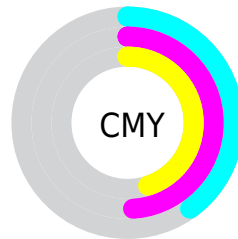


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (40%)



Cyan (40%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.858, 353.009 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, 9.858, 353.009 by changing the saturation by 10% instead.

■ 57, 9.858, 353.009

■ 57, 9.858, 353.009

■ 100, 9.858,
353.009

■ 47, 9.858, 353.009

■ 77, 9.858, 353.009

■ 37, 9.858, 353.009

■ 87, 9.858, 353.009

■ 27, 9.858, 353.009

■ 97, 9.858, 353.009

■ 17, 9.858, 353.009

■ 7, 9.858, 353.009

■ 0, 9.858, 353.009

■ 57, 9.858, 353.009

■ 57, 9.858, 353.009

■ 53, 16.960,
354.120

■ 61, 2.947, 351.969

■ 66, 3.719, 171.346

49, 24.161,
355.392

70, 10.120,
170.519

45, 31.304,
356.892

75, 16.255,
169.814

41, 38.156,
358.702

79, 22.135,
169.176

38, 44.416, 0.936

84, 27.776,
168.593

36, 49.751, 3.740

88, 33.195,
168.056

34, 53.897, 7.280

33, 56.806, 11.690

93, 38.411,
167.560

32, 58.310, 14.309

93, 36.295,
173.489

Harmonies

Complementary

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



57, 9.858, 353.009



61, 9.548, 170.452

Rectangle

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



57, 9.858, 353.009



57, 9.858, 43.009



57, 9.858, 173.009



57, 9.858, 223.009

Sweetspot

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



57, 9.856, 353.014



78, 3.339, 351.934



57, 13.705, 314.166



41, 2.369, 352.018



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, 9.856, 353.014



71, 14.499, 353.329



58, 7.917, 32.204



30, 3.842, 352.486



29, 54.617, 13.847



1, 4.075, 352.101

Inverse Universe

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



57, 9.856, 353.014



71, 14.499, 353.329



61, 7.217, 212.113



30, 3.842, 352.486



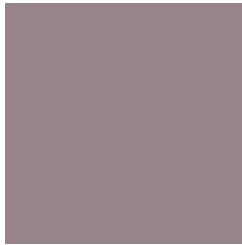
29, 54.617, 13.847



1, 4.075, 352.101

Previews

White Background



This preview shows how the CIELCh color 57, 9.858, 353.009 looks on a white background.

Color Contrast Check

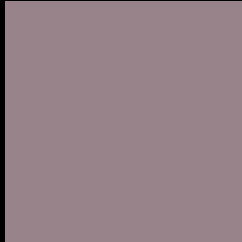
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.858, 353.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

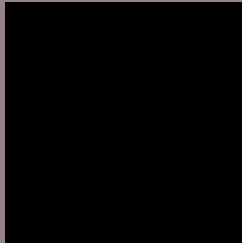
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 9.858, 353.009

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.858, 353.009.



This preview shows how white text looks on a background with the CIELCh color 57, 9.858, 353.009.

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, 9.858, 353.009

Protanopia

57, 3.525, 303.257

Deuteranopia

57, 7.208, 351.899



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 9.858, 353.009

Protanomaly
57, 5.619, 334.696

Deuteranomaly
57, 8.532, 352.511

Tritanomaly
57, 10.117, 350.125

Monochromacy



Original Color
57, 9.858, 353.009

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 3.596, 351.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.858, 353.009 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.858, 353.009 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, 139) }
```

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

```
.border{ border-color:rgb(153, 131, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.858, 353.009 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, 139) }
```

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

```
.background{ background-color: rgb(153,  
131, 139) }
```

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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