

Converting Colors

CIELCh(57, 7.539, 337.324)

Have a look what the booklet for
CIELCh(57, 7.539, 337.324) contains.

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Color

CIELCh(57, 7.539, 337.324)

Conversions

Conversions Part 1

Format	Color
Hex	93858E
RGB	147, 133, 142
RGB Percent	58%, 52%, 56%
CMY	0.4236, 0.4785, 0.4432
CMYK	0.00, 0.10, 0.03, 0.42
HSL	321°, 6%, 55%
HSV	321°, 10%, 58%
XYZ	25.2943, 24.9227, 29.0602
YIQ	138.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

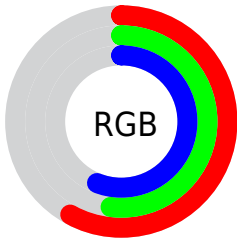
Format	Color
R_{YB}	147, 133, 142
Decimal	9667982
CIE Lab	57.00, 6.96, -2.91
CIE LCh	57, 7.539, 337.324
Yxy	24.9227, 0.3191, 0.3144
Android (android.graphics.Color)	4287858062 (0xFF93858E)
YUV	138.2120, 1.8675, 7.7071
Hunter-Lab	49.9226, 3.0761, 0.4328

Details

The CIELCh color $57, 7.539, 337.324$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 7.487, 156.049$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 7.742, 336.142$, and $37, 7.106, 336.462$ is the 20% darker color. If you saturate the color by 10%, you get $53, 15.561, 338.098$, and if you desaturate by 10%, it is $61, 0.367, 157.438$.

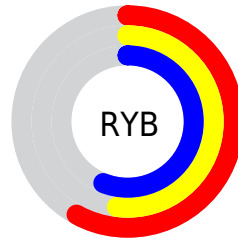
Distribution



Red (58%)

Green (52%)

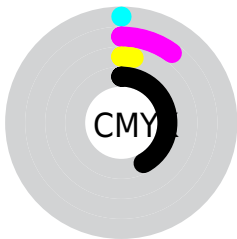
Blue (56%)



Red (58%)

Yellow (52%)

Blue (56%)

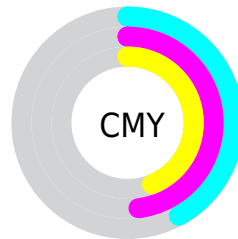


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 7.539, 337.324 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, 7.539, 337.324 by changing the saturation by 10% instead.

■ 57, 7.539, 337.324

■ 57, 7.539, 337.324

■ 100, 7.539,
337.324

■ 47, 7.539, 337.324

■ 77, 7.539, 337.324

■ 37, 7.539, 337.324

■ 87, 7.539, 337.324

■ 27, 7.539, 337.324

■ 97, 7.539, 337.324

■ 17, 7.539, 337.324

■ 7, 7.539, 337.324

■ 0, 7.539, 337.324

■ 57, 7.539, 337.324

■ 57, 7.539, 337.324

■ 53, 15.561,
338.098

■ 61, 0.367, 157.438

■ 65, 8.088, 156.045

49, 23.595,
338.916

70, 15.592,
155.416

45, 31.473,
339.805

74, 22.865,
154.836

42, 38.957,
340.787

78, 29.906,
154.293

39, 45.729,
341.893

82, 36.723,
153.785

36, 51.419,
343.172

87, 43.326,
153.308

34, 55.657,
344.689

91, 49.730,
152.860

33, 58.181,
346.534

92, 50.233,
154.173

32, 59.339,
348.698

Harmonies

Complementary

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



57, 7.539, 337.324



60, 7.487, 156.049

Rectangle

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



57, 7.539, 337.324



57, 7.539, 27.324



57, 7.539, 157.324



57, 7.539, 207.324

Sweetspot

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



57, 7.537, 337.327



76, 2.929, 336.789



56, 8.257, 304.166



40, 2.238, 336.866



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 7.537, 337.327



72, 10.806, 337.457



57, 5.714, 7.896



29, 4.492, 337.303



30, 56.703, 348.638



1, 3.898, 336.692

Inverse Universe

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



57, 7.537, 337.327



72, 10.806, 337.457



60, 5.479, 186.433



29, 4.492, 337.303



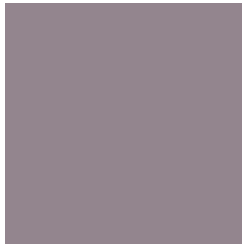
30, 56.703, 348.638



1, 3.898, 336.692

Previews

White Background



This preview shows how the CIELCh color 57, 7.539, 337.324 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, 7.539, 337.324 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, 7.539, 337.324

Background



This preview shows how black text looks on a background with the CIELCh color 57, 7.539, 337.324.



This preview shows how white text looks on a background with the CIELCh color 57, 7.539, 337.324.

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, 7.539, 337.324

Protanopia

57, 4.591, 295.516

Deuteranopia

57, 7.831, 339.341



Tritanopia
57, 7.933, 334.305

Trichromacy



Original Color
57, 7.539, 337.324

Protanomaly
57, 5.153, 317.495

Deuteranomaly
57, 7.831, 339.341

Tritanomaly
57, 7.933, 334.305

Monochromacy



Original Color
57, 7.539, 337.324

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.618, 338.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 7.539, 337.324 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(147, 133, 142)` looks like.

```
.text, #text, p{  
    color:rgb(147, 133, 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(147, 133, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 133, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 7.539, 337.324 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(147, 133, 142) }
```

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

```
.border{ border-color:rgb(147, 133, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 133, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 133, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 133, 142);  
box-shadow:4px 4px 4px 4px rgb(147, 133,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 7.539, 337.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 133, 142) }
```

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

```
.background{ background-color: rgb(147,  
133, 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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