

Converting Colors

CIELCh(57, 6.497, 348.460)

Have a look what the booklet for
CIELCh(57, 6.497, 348.460) contains.

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Color

CIELCh(57, 6.518, 348.460)

Conversions

Conversions Part 1

Format	Color
Hex	93858B
RGB	147, 133, 139
RGB Percent	58%, 52%, 55%
CMY	0.4227, 0.4776, 0.4541
CMYK	0.00, 0.10, 0.05, 0.42
HSL	334°, 6%, 55%
HSV	334°, 10%, 58%
XYZ	25.1601, 24.9227, 27.9887
YIQ	137.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

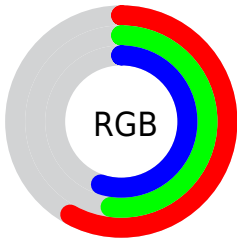
Format	Color
R_{YB}	147, 133, 139
Decimal	9667979
CIE Lab	57.00, 6.39, -1.30
CIE LCh	57, 6.518, 348.460
Yxy	24.9227, 0.3223, 0.3192
Android (android.graphics.Color)	4287858059 (0xFF93858B)
YUV	137.8700, 0.5571, 8.0070
Hunter-Lab	49.9226, 2.5961, 1.7053

Details

The CIELCh color $57, 6.518, 348.460$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 6.408, 166.936$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.458, 350.014$, and $37, 6.005, 349.414$ is the 20% darker color. If you saturate the color by 10%, you get $53, 13.542, 349.457$, and if you desaturate by 10%, it is $61, 0.324, 168.720$.

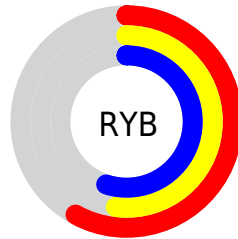
Distribution



Red (58%)

Green (52%)

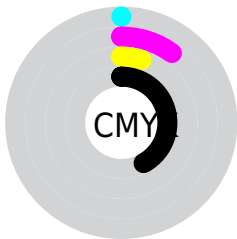
Blue (55%)



Red (58%)

Yellow (52%)

Blue (55%)

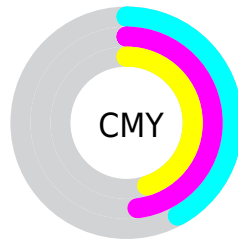


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.518, 348.460 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, 6.518, 348.460 by changing the saturation by 10% instead.

■ 57, 6.518, 348.460

■ 57, 6.518, 348.460

■ 100, 6.518,
348.460

■ 47, 6.518, 348.460

■ 77, 6.518, 348.460

■ 37, 6.518, 348.460

■ 87, 6.518, 348.460

■ 27, 6.518, 348.460

■ 97, 6.518, 348.460

■ 17, 6.518, 348.460

■ 7, 6.518, 348.460

■ 0, 6.518, 348.460

■ 57, 6.518, 348.460

■ 57, 6.518, 348.460

■ 53, 13.542,
349.457

■ 61, 0.324, 168.720

■ 66, 6.938, 166.930

49, 20.674,
350.559

70, 13.310,
166.199

45, 27.779,
351.825

74, 19.439,
165.542

42, 34.656,
353.314

79, 25.334,
164.940

38, 41.029,
355.108

83, 31.010,
164.385

36, 46.564,
357.319

87, 36.482,
163.870

33, 50.935, 0.092

92, 41.766,
163.391

32, 53.938, 3.591

93, 41.201,
166.696

31, 55.962, 7.722

Harmonies

Complementary

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



57, 6.518, 348.460



60, 6.408, 166.936

Rectangle

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



57, 6.518, 348.460



57, 6.518, 38.460



57, 6.518, 168.460



57, 6.518, 218.460

Sweetspot

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



57, 6.516, 348.466



76, 2.523, 347.788



57, 8.603, 311.743



40, 1.929, 347.886



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, 6.516, 348.466



72, 9.351, 348.631



57, 5.264, 25.629



29, 3.883, 348.437



29, 53.400, 7.595



1, 3.352, 347.692

Inverse Universe

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



57, 6.516, 348.466



72, 9.351, 348.631



60, 4.960, 205.149



29, 3.883, 348.437



29, 53.400, 7.595



1, 3.352, 347.692

Previews

White Background



This preview shows how the CIELCh color 57, 6.518, 348.460 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, 6.518, 348.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

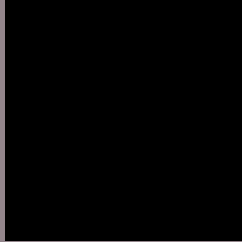
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 6.518, 348.460

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.518, 348.460.



This preview shows how white text looks on a background with the CIELCh color 57, 6.518, 348.460.

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, 6.518, 348.460

Protanopia

57, 2.972, 305.647

Deuteranopia

57, 7.208, 351.899



Tritanopia
57, 8.209, 336.329

Trichromacy



Original Color
57, 6.518, 348.460

Protanomaly
57, 3.717, 329.577

Deuteranomaly
57, 6.860, 350.262

Tritanomaly
57, 7.831, 339.341

Monochromacy



Original Color
57, 6.518, 348.460

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.285, 349.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.518, 348.460 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 133, 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(147, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 133, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.518, 348.460 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, 139) }
```

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

```
.border{ border-color:rgb(147, 133, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(147, 133,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.518, 348.460 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, 139) }
```

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

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