

Converting Colors

CIELCh(57, 7.070, 330.270)

Have a look what the booklet for
CIELCh(57, 7.070, 330.270) contains.

CIELCh(57, 6.720, 330.315)	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, 6.720, 330.315)

Conversions

Conversions Part 1

Format	Color
Hex	91868F
RGB	145, 134, 143
RGB Percent	57%, 53%, 56%
CMY	0.4327, 0.4758, 0.4405
CMYK	0.00, 0.08, 0.01, 0.43
HSL	311°, 5%, 55%
HSV	311°, 8%, 57%
XYZ	25.0314, 24.9227, 29.3465
YIQ	138.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

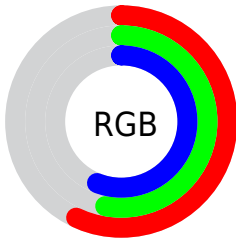
Format	Color
R_{YB}	145, 134, 143
Decimal	9537167
CIE Lab	57.00, 5.84, -3.33
CIE LCh	57, 6.720, 330.315
Yxy	24.9227, 0.3157, 0.3143
Android (android.graphics.Color)	4287727247 (0xFF91868F)
YUV	138.3150, 2.3097, 5.8627
Hunter-Lab	49.9226, 2.1360, 0.0927

Details

The CIELCh color $57, 6.720, 330.315$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 6.698, 149.470$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.983, 329.710$, and $37, 7.263, 330.536$ is the 20% darker color. If you saturate the color by 10%, you get $53, 15.645, 330.946$, and if you desaturate by 10%, it is $61, 2.096, 149.879$.

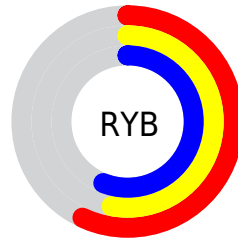
Distribution



Red (57%)

Green (53%)

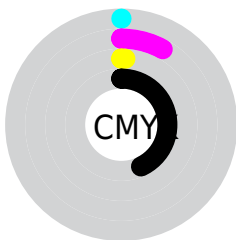
Blue (56%)



Red (57%)

Yellow (53%)

Blue (56%)

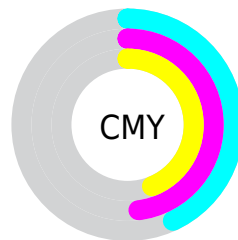


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.720, 330.315 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, 6.720, 330.315 by changing the saturation by 10% instead.

■ 57, 6.720, 330.315

■ 57, 6.720, 330.315

■ 100, 6.720,
330.315

■ 47, 6.720, 330.315

■ 77, 6.720, 330.315

■ 37, 6.720, 330.315

■ 87, 6.720, 330.315

■ 27, 6.720, 330.315

■ 97, 6.720, 330.315

■ 17, 6.720, 330.315

■ 7, 6.720, 330.315

■ 0, 6.720, 330.315

■ 57, 6.720, 330.315

■ 57, 6.720, 330.315

■ 53, 15.645,
330.946

■ 61, 2.096, 149.879

■ 65, 10.726,

49, 24.567,
331.580

149.223

46, 33.312,
332.227

69, 19.132,
148.675

42, 41.635,
332.889

73, 27.294,
148.159

40, 49.223,
333.566

78, 35.209,
147.671

37, 55.706,
334.265

82, 42.880,
147.210

35, 60.716,
335.000

86, 50.318,
146.776

34, 63.976,
335.792

90, 57.535,
146.367

33, 65.599,
336.657

92, 59.622,
146.691

Harmonies

Complementary

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



57, 6.720, 330.315



59, 6.698, 149.470

Rectangle

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



57, 6.720, 330.315



57, 6.720, 20.315



57, 6.720, 150.315



57, 6.720, 200.315

Sweetspot

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



57, 6.718, 330.316



76, 2.192, 329.890



56, 6.344, 297.257



39, 1.242, 329.873



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 6.718, 330.316



72, 9.894, 330.418



57, 4.837, 354.303



28, 4.944, 330.417



30, 62.806, 336.802



1, 3.319, 329.899

Inverse Universe

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



57, 6.718, 330.316



72, 9.894, 330.418



59, 4.744, 173.096



28, 4.944, 330.417



30, 62.806, 336.802



1, 3.319, 329.899

Previews

White Background



This preview shows how the CIELCh color 57, 6.720, 330.315 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, 6.720, 330.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

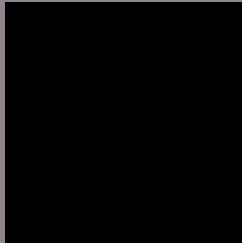
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 6.720, 330.315

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.720, 330.315.



This preview shows how white text looks on a background with the CIELCh color 57, 6.720, 330.315.

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, 6.720, 330.315

Protanopia

57, 4.591, 295.516

Deuteranopia

57, 7.933, 334.305



Tritanopia
57, 7.859, 327.203

Trichromacy



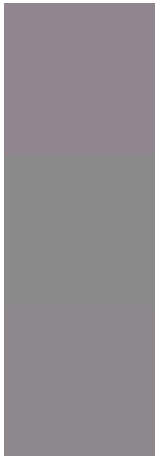
Original Color
57, 6.720, 330.315

Protanomaly
57, 5.516, 311.222

Deuteranomaly
57, 7.667, 332.146

Tritanomaly
57, 7.859, 327.203

Monochromacy



Original Color
57, 6.720, 330.315

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.784, 324.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.720, 330.315 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(145, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(145, 134, 143)  
}
```

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(145, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 134, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.720, 330.315 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(145, 134, 143) }
```

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

```
.border{ border-color:rgb(145, 134, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 134, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(145, 134,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.720, 330.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 134, 143) }
```

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

```
.background{ background-color: rgb(145,  
134, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor