

Converting Colors

CIELCh(57, 5.547, 230.740)

Have a look what the booklet for
CIELCh(57, 5.547, 230.740) contains.

CIELCh(57, 5.609, 229.705)	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, 5.609, 229.705)

Conversions

Conversions Part 1

Format	Color
Hex	7E8B90
RGB	126, 139, 144
RGB Percent	49%, 55%, 56%
CMY	0.5058, 0.4548, 0.4352
CMYK	0.12, 0.03, 0.00, 0.44
HSL	197°, 8%, 53%
HSV	197°, 12%, 56%
XYZ	22.8784, 24.9227, 29.9988
YIQ	135.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

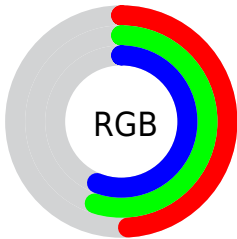
Format	Color
R_{YB}	126, 134, 144
Decimal	8293264
CIE _{Lab}	57.00, -3.63, -4.28
CIE _{LCh}	57, 5.609, 229.705
Yxy	24.9227, 0.2941, 0.3203
Android (android.graphics.Color)	4286483344 (0xFF7E8B90)
YUV	135.6830, 4.1003, -8.4920
Hunter-Lab	49.9226, -5.5621, -0.6819

Details

The CIELCh color $57, 5.609, 229.705$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 6.013, 48.072$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.601, 234.386$, and $37, 5.645, 232.220$ is the 20% darker color. If you saturate the color by 10%, you get $55, 9.851, 230.534$, and if you desaturate by 10%, it is $59, 1.147, 229.291$.

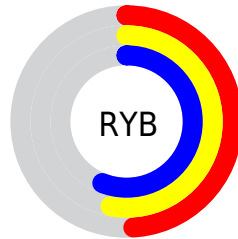
Distribution



Red (49%)

Green (55%)

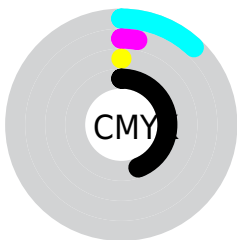
Blue (56%)



Red (49%)

Yellow (53%)

Blue (56%)

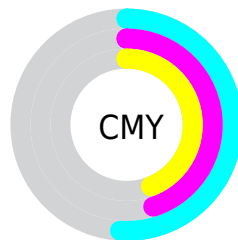


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 5.609, 229.705 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, 5.609, 229.705 by changing the saturation by 10% instead.

■ 57, 5.609, 229.705

■ 57, 5.609, 229.705

■ 100, 5.609,
229.705

■ 47, 5.609, 229.705

■ 77, 5.609, 229.705

■ 37, 5.609, 229.705

■ 87, 5.609, 229.705

■ 27, 5.609, 229.705

■ 97, 5.609, 229.705

■ 17, 5.609, 229.705

■ 7, 5.609, 229.705

■ 0, 5.609, 229.705

■ 57, 5.609, 229.705

■ 57, 5.609, 229.705

■ 55, 9.851, 230.534

■ 59, 1.147, 229.291

■ 53, 13.820,

■ 62, 3.488, 48.296

231.642

64, 8.254, 47.958

51, 17.462,
233.063

66, 13.117, 47.666

49, 20.722,
234.868

69, 18.047, 47.440

47, 23.562,
237.139

71, 23.022, 47.268

45, 25.962,
239.960

74, 28.023, 47.141

44, 27.942,
243.406

76, 33.033, 47.049

42, 29.569,
247.510

41, 30.721,
250.760

Harmonies

Complementary

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



57, 5.609, 229.705



56, 6.013, 48.072

Rectangle

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



57, 5.609, 229.705



57, 5.609, 279.705



57, 5.609, 49.705



57, 5.609, 99.705

Sweetspot

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



57, 5.609, 229.690



74, 2.254, 229.252



58, 10.350, 152.151



39, 1.612, 229.264



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, 5.609, 229.690



71, 8.245, 229.901



55, 8.067, 279.863



29, 2.535, 229.470



39, 29.272, 250.446



1, 1.745, 228.810

Inverse Universe

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



55, 10.319, 334.189



68, 15.293, 334.385



58, 7.983, 96.893



28, 4.618, 333.958



30, 58.714, 342.776



1, 3.097, 333.396

Previews

White Background



This preview shows how the CIELCh color 57, 5.609, 229.705 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, 5.609, 229.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

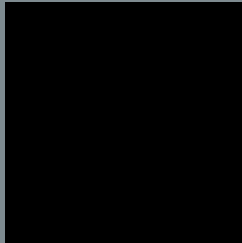
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

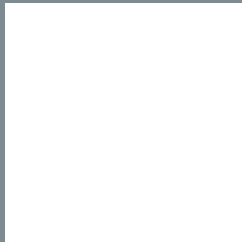
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 5.609, 229.705

Background



This preview shows how black text looks on a background with the CIELCh color 57, 5.609, 229.705.



This preview shows how white text looks on a background with the CIELCh color 57, 5.609, 229.705.

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

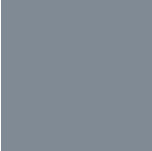
57, 5.609, 229.705

Protanopia

57, 3.456, 297.004

Deuteranopia

57, 8.544, 327.050



Tritanopia
57, 7.403, 257.411

Trichromacy



Original Color
57, 5.609, 229.705

Protanomaly
57, 3.726, 266.366

Deuteranomaly
57, 5.938, 305.824

Tritanomaly
57, 6.501, 251.549

Monochromacy



Original Color
57, 5.609, 229.705

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.228, 230.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 5.609, 229.705 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(126, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 139, 144)  
}
```

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(126, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 139, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 5.609, 229.705 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(126, 139, 144) }
```

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

```
.border{ border-color:rgb(126, 139, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 139, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 139,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 5.609, 229.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 139, 144) }
```

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

```
.background{ background-color: rgb(126,  
139, 144) }
```

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