

Converting Colors

CIELCh(57, 11.872, 306.154)

Have a look what the booklet for
CIELCh(57, 11.872, 306.154)
contains.

CIELCh(57, 11.872, 306.154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 11.872, 306.154)

Conversions

Conversions Part 1

Format	Color
Hex	8D8599
RGB	141, 133, 153
RGB Percent	55%, 52%, 60%
CMY	0.4452, 0.4766, 0.3981
CMYK	0.08, 0.13, 0.00, 0.40
HSL	264°, 9%, 56%
HSV	264°, 13%, 60%
XYZ	25.3056, 24.9227, 33.8211
YIQ	137.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

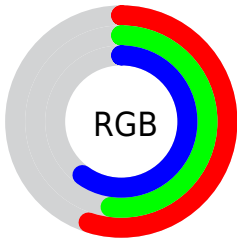
Format	Color
R_{YB}	141, 133, 153
Decimal	9274777
CIE _{Lab}	57.00, 7.00, -9.59
CIE _{LCh}	57, 11.872, 306.154
Yxy	24.9227, 0.3011, 0.2965
Android (android.graphics.Color)	4287464857 (0xFF8D8599)
YUV	137.6720, 7.5567, 2.9187
Hunter-Lab	49.9226, 3.1164, -5.2214

Details

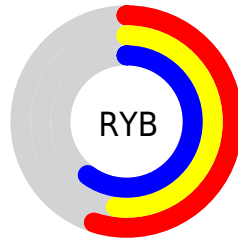
The CIELCh color $57, 11.872, 306.154$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 11.620, 124.878$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 11.796, 307.021$, and $37, 11.541, 305.979$ is the 20% darker color. If you saturate the color by 10%, you get $52, 21.300, 306.724$, and if you desaturate by 10%, it is $62, 2.727, 305.621$.

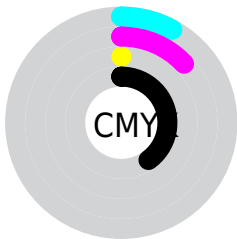
Distribution



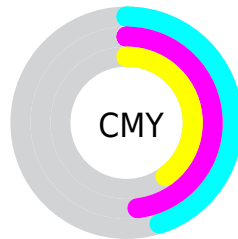
- Red (55%)
- Green (52%)
- Blue (60%)



- Red (55%)
- Yellow (52%)
- Blue (60%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)





- Cyan (45%)
- Magenta (48%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 11.872, 306.154 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, 11.872, 306.154 by changing the saturation by 10% instead.


 57, 11.872,
306.154


 57, 11.872,
306.154


 100, 11.872,
306.154


 47, 11.872,
306.154


 77, 11.872,
306.154

 37, 11.872,
306.154

 87, 11.872,
306.154

 27, 11.872,
306.154

 97, 11.872,
306.154

 17, 11.872,
306.154

 7, 11.872, 306.154

 0, 11.872, 306.154

57, 11.872,
306.154

57, 11.872,
306.154

52, 21.300,
306.724

62, 2.727, 305.621

47, 30.989,
307.348

67, 6.124, 125.203

42, 40.873,
308.012

72, 14.688,
124.796

38, 50.821,
308.689

77, 22.977,
124.444

33, 60.589,
309.334

81, 31.002,
124.139

29, 69.766,
309.869

86, 38.779,
123.876

26, 77.727,
310.182

91, 46.322,
123.649

23, 83.706,

95, 52.966,
123.183

310.137

96, 51.982,
119.560

21, 87.083,
310.020

Harmonies

Complementary

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



57, 11.872, 306.154



62, 11.620, 124.878

Rectangle

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



57, 11.872, 306.154



57, 11.872, 356.154



57, 11.872, 126.154



57, 11.872, 176.154

Sweetspot

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



57, 11.870, 306.152



78, 4.440, 305.678



60, 6.278, 245.416



40, 3.150, 305.715



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, 11.870, 306.152



70, 18.086, 306.333



58, 13.357, 322.318



30, 5.103, 305.947



19, 81.459, 310.105



1, 5.436, 305.255

Inverse Universe

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



58, 10.404, 339.578



72, 15.812, 339.845



62, 13.309, 141.054



30, 4.483, 339.270



30, 56.234, 352.146



1, 4.769, 339.102

Previews

White Background



This preview shows how the CIELCh color 57, 11.872, 306.154 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, 11.872, 306.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

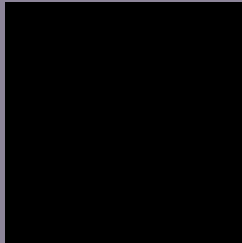
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 11.872, 306.154

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.872, 306.154.



This preview shows how white text looks on a background with the CIELCh color 57, 11.872, 306.154.

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, 11.872, 306.154

Protanopia

57, 10.855, 287.548

Deuteranopia

57, 12.522, 307.190



Tritanopia
57, 6.053, 309.349

Trichromacy



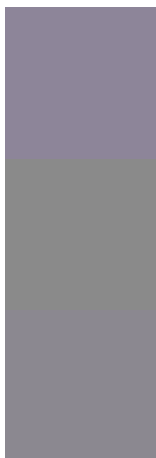
Original Color
57, 11.872, 306.154

Protanomaly
57, 10.892, 295.362

Deuteranomaly
57, 12.522, 307.190

Tritanomaly
57, 8.471, 309.469

Monochromacy



Original Color
57, 11.872, 306.154

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.728, 304.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 11.872, 306.154 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(141, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(141, 133, 153)  
}
```

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(141, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 133, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.872, 306.154 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(141, 133, 153) }
```

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

```
.border{ border-color:rgb(141, 133, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(141, 133,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.872, 306.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 133, 153) }
```

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

```
.background{ background-color: rgb(141,  
133, 153) }
```

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