

Converting Colors

CIELCh(57, 11.154, 6.125)

Have a look what the booklet for
CIELCh(57, 11.154, 6.125) contains.

CIELCh(57, 11.230, 6.009)	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, 11.230, 6.009)

Conversions

Conversions Part 1

Format	Color
Hex	9D8287
RGB	157, 130, 135
RGB Percent	62%, 51%, 53%
CMY	0.3839, 0.4898, 0.4702
CMYK	0.00, 0.17, 0.14, 0.38
HSL	349°, 12%, 56%
HSV	349°, 17%, 62%
XYZ	26.3012, 24.9227, 26.3832
YIQ	138.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

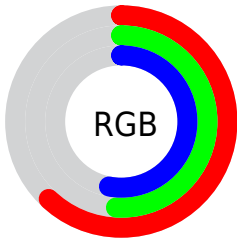
Format	Color
R_{YB}	157, 130, 135
Decimal	10322567
CIE _{Lab}	57.00, 11.17, 1.18
CIE _{LCh}	57, 11.230, 6.009
Yxy	24.9227, 0.3389, 0.3211
Android (android.graphics.Color)	4288512647 (0xFF9D8287)
YUV	138.6430, -1.7960, 16.0991
Hunter-Lab	49.9226, 6.6762, 3.6121

Details

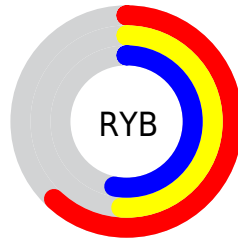
The CIELCh color $57, 11.230, 6.009$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.467, 182.937$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 11.271, 6.631$, and $37, 10.817, 7.980$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.201, 7.241$, and if you desaturate by 10%, it is $61, 4.573, 4.942$.

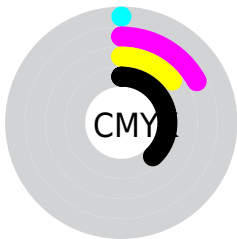
Distribution



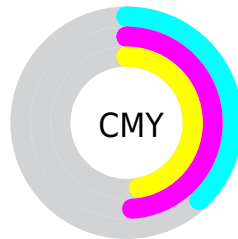
- Red (62%)
- Green (51%)
- Blue (53%)



- Red (62%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 11.230, 6.009 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, 11.230, 6.009 by changing the saturation by 10% instead.

 57, 11.230, 6.009  57, 11.230, 6.009

 100, 11.230, 6.009  47, 11.230, 6.009

 77, 11.230, 6.009  37, 11.230, 6.009


 87, 11.230, 6.009  27, 11.230, 6.009

 97, 11.230, 6.009  17, 11.230, 6.009

 7, 11.230, 6.009

 0, 11.230, 6.009

 57, 11.230, 6.009  57, 11.230, 6.009

 53, 18.201, 7.241  61, 4.573, 4.942

 48, 25.420, 8.714  66, 1.737, 184.413

45, 32.754, 10.525

71, 7.701, 183.467

41, 40.001, 12.788

75, 13.336,
182.781

38, 46.905, 15.641

80, 18.664,
182.183

35, 53.203, 19.222

34, 58.726, 23.595

85, 23.715,
181.650

33, 63.544, 28.533

89, 28.514,
181.171

32, 64.922, 29.819

94, 32.728,
181.298

94, 30.596,
192.966

Harmonies

Complementary

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



57, 11.230, 6.009



63, 10.467, 182.937

Rectangle

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



57, 11.230, 6.009



57, 11.230, 56.009



57, 11.230, 186.009



57, 11.230, 236.009

Sweetspot

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



57, 11.228, 6.015



79, 3.915, 4.710



57, 17.499, 319.548



41, 2.669, 4.784



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 11.228, 6.015



70, 17.155, 6.507



59, 8.991, 50.451



31, 3.637, 5.160



29, 60.283, 29.329



1, 4.631, 5.130

Inverse Universe

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



57, 11.228, 6.015



70, 17.155, 6.507



61, 8.176, 232.997



31, 3.637, 5.160



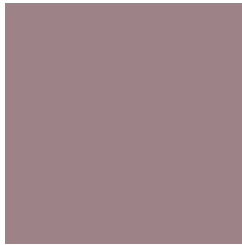
29, 60.283, 29.329



1, 4.631, 5.130

Previews

White Background



This preview shows how the CIELCh color 57, 11.230, 6.009 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, 11.230, 6.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

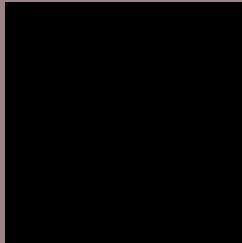
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 11.230, 6.009

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.230, 6.009.



This preview shows how white text looks on a background with the CIELCh color 57, 11.230, 6.009.

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, 11.230, 6.009

Protanopia

57, 2.091, 324.462

Deuteranopia

57, 7.803, 7.599



Tritanopia
57, 12.873, 354.682

Trichromacy



Original Color
57, 11.230, 6.009

Protanomaly
57, 5.278, 354.368

Deuteranomaly
57, 9.117, 5.951

Tritanomaly
57, 12.659, 357.025

Monochromacy



Original Color
57, 11.230, 6.009

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.123, 3.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 11.230, 6.009 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(157, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(157, 130, 135)  
}
```

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(157, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 130, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.230, 6.009 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(157, 130, 135) }
```

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

```
.border{ border-color:rgb(157, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(157, 130,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.230, 6.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 130, 135) }
```

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

```
.background{ background-color: rgb(157,  
130, 135) }
```

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