

Converting Colors

CIELCh(57, 19.357, 9.915)

Have a look what the booklet for
CIELCh(57, 19.357, 9.915) contains.

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Color

CIELCh(57, 19.183, 9.737)

Conversions

Conversions Part 1

Format	Color
Hex	AB7D84
RGB	171, 125, 132
RGB Percent	67%, 49%, 52%
CMY	0.3301, 0.5105, 0.4830
CMYK	0.00, 0.27, 0.23, 0.33
HSL	351°, 21%, 58%
HSV	351°, 27%, 67%
XYZ	28.2200, 24.9227, 25.0917
YIQ	139.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

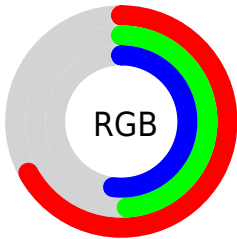
Format	Color
R_{YB}	171, 125, 132
Decimal	11238788
CIE _{Lab}	57.00, 18.91, 3.24
CIE _{LCh}	57, 19.183, 9.737
Yxy	24.9227, 0.3607, 0.3186
Android (android.graphics.Color)	4289428868 (0xFFAB7D84)
YUV	139.5520, -3.7231, 27.5799
Hunter-Lab	49.9226, 13.5371, 5.1460

Details

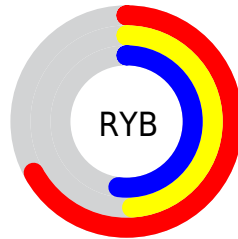
The CIELCh color **57, 19.183, 9.737** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67, 16.914, 184.688**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 19.101, 9.834**, and **37, 19.109, 9.711** is the 20% darker color. If you saturate the color by 10%, you get **53, 26.936, 11.214**, and if you desaturate by 10%, it is **62, 11.735, 8.527**.

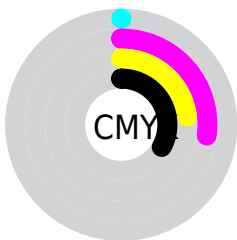
Distribution



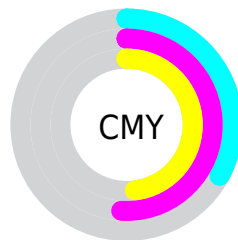
- Red (67%)
- Green (49%)
- Blue (52%)



- Red (67%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 19.183, 9.737 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, 19.183, 9.737 by changing the saturation by 10% instead.

 57, 19.183, 9.737  57, 19.183, 9.737

 100, 19.183, 9.737  47, 19.183, 9.737

 77, 19.183, 9.737  37, 19.183, 9.737

 87, 19.183, 9.737  27, 19.183, 9.737

 97, 19.183, 9.737  17, 19.183, 9.737

 7, 19.183, 9.737

 0, 19.183, 9.737

 57, 19.183, 9.737  57, 19.183, 9.737

 53, 26.936, 11.214  62, 11.735, 8.527

 48, 34.867, 13.040  67, 4.664, 7.469

45, 42.771, 15.337

71, 2.010, 186.956

41, 50.379, 18.241

76, 8.293, 186.054

39, 57.416, 21.877

81, 14.207,
185.399

37, 63.689, 26.271

86, 19.782,
184.832

36, 69.164, 31.134

35, 70.819, 32.491

91, 25.053,
184.331

95, 27.297,
189.742

95, 26.532,
197.782

Harmonies

Complementary

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



57, 19.183, 9.737



67, 16.914, 184.688

Rectangle

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



57, 19.183, 9.737



57, 19.183, 59.737



57, 19.183, 189.737



57, 19.183, 239.737

Sweetspot

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



57, 19.181, 9.741



84, 6.692, 7.597



57, 29.743, 321.000



44, 4.815, 7.750



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 19.181, 9.741



70, 28.597, 10.536



61, 15.558, 53.681



33, 3.793, 7.714



30, 63.289, 31.834



1, 6.707, 8.649

Inverse Universe

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



57, 19.181, 9.741



70, 28.597, 10.536



62, 13.448, 238.613



33, 3.793, 7.714



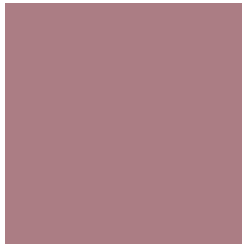
30, 63.289, 31.834



1, 6.707, 8.649

Previews

White Background



This preview shows how the CIELCh color 57, 19.183, 9.737 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, 19.183, 9.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

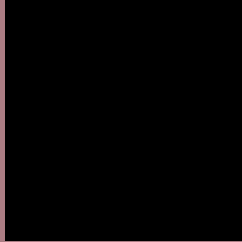
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 19.183, 9.737

Background



This preview shows how black text looks on a background with the CIELCh color 57, 19.183, 9.737.



This preview shows how white text looks on a background with the CIELCh color 57, 19.183, 9.737.

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, 19.183, 9.737

Protanopia

57, 1.652, 335.649

Deuteranopia

57, 8.622, 27.772



Tritanopia
57, 19.865, 5.222

Trichromacy



Original Color
57, 19.183, 9.737

Protanomaly
57, 7.929, 3.581

Deuteranomaly
57, 12.276, 15.428

Tritanomaly
57, 19.767, 6.821

Monochromacy



Original Color
57, 19.183, 9.737

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 6.891, 10.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 19.183, 9.737 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(171, 125, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 132)  
}
```

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(171, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 19.183, 9.737 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(171, 125, 132) }
```

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

```
.border{ border-color:rgb(171, 125, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 125, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 125,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 19.183, 9.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 132) }
```

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

```
.background{ background-color: rgb(171,  
125, 132) }
```

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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