

Converting Colors

CIELCh(57, 18.935, 37.186)

Have a look what the booklet for
CIELCh(57, 18.935, 37.186) contains.

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Color

CIELCh(57, 18.665, 36.885)

Conversions

Conversions Part 1

Format	Color
Hex	A97F76
RGB	169, 127, 118
RGB Percent	66%, 50%, 46%
CMY	0.3372, 0.5019, 0.5372
CMYK	0.00, 0.25, 0.30, 0.34
HSL	11°, 23%, 56%
HSV	11°, 30%, 66%
XYZ	27.2225, 24.9227, 20.5162
YIQ	138.5320, 27.9210, 6.1050

Conversions

Conversions Part 2

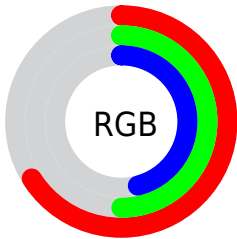
Format	Color
R_{YB}	169, 129, 118
Decimal	11108214
CIE Lab	57.00, 14.93, 11.20
CIE LCh	57, 18.665, 36.885
Yxy	24.9227, 0.3746, 0.3430
Android (android.graphics.Color)	4289298294 (0xFFA97F76)
YUV	138.5320, -10.1223, 26.7204
Hunter-Lab	49.9226, 9.9703, 10.5801

Details

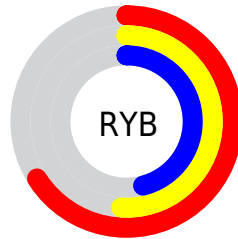
The CIELCh color $57, 18.665, 36.885$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 15.155, 217.780$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 18.608, 37.310$, and $37, 18.671, 36.922$ is the 20% darker color. If you saturate the color by 10%, you get $53, 25.889, 37.246$, and if you desaturate by 10%, it is $61, 11.974, 36.708$.

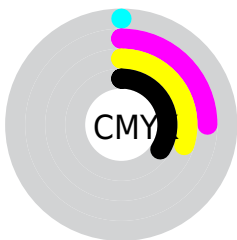
Distribution



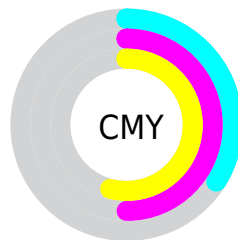
- Red (66%)
- Green (50%)
- Blue (46%)



- Red (66%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.665, 36.885 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, 18.665, 36.885 by changing the saturation by 10% instead.

■ 57, 18.665, 36.885

■ 57, 18.665, 36.885

■ 100, 18.665,
36.885

■ 47, 18.665, 36.885

■ 77, 18.665, 36.885

■ 37, 18.665, 36.885

■ 87, 18.665, 36.885

■ 27, 18.665, 36.885

■ 97, 18.665, 36.885

■ 17, 18.665, 36.885

■ 7, 18.665, 36.885

■ 0, 18.665, 36.885

■ 57, 18.665, 36.885

■ 57, 18.665, 36.885

■ 53, 25.889, 37.246

■ 61, 11.974, 36.708

■ 50, 33.641, 37.815

■ 65, 5.797, 36.634

46, 41.865, 38.637

69, 0.095, 31.716

43, 50.419, 39.714

73, 5.176, 217.041

40, 58.995, 40.959

78, 10.063,
217.208

38, 66.910, 42.057

82, 14.611,
217.447

37, 73.450, 42.965

86, 18.860,
217.722

90, 22.847,
218.018

94, 26.139,
200.931

Harmonies

Complementary

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



57, 18.665, 36.885



63, 15.155, 217.780

Rectangle

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



57, 18.665, 36.885



57, 18.665, 86.885



57, 18.665, 216.885



57, 18.665, 266.885

Sweetspot

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



57, 18.664, 36.892



83, 6.311, 36.628



56, 30.797, 331.230



43, 4.404, 36.637



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 18.664, 36.892



70, 28.265, 37.098



64, 20.230, 87.303



33, 3.201, 36.629



32, 66.072, 42.954



2, 5.741, 34.055

Inverse Universe

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



63, 15.155, 217.780



79, 21.784, 218.189



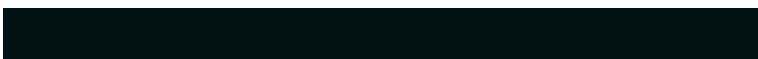
56, 20.097, 275.706



35, 3.022, 217.044



47, 29.027, 229.768



4, 5.484, 223.376

Previews

White Background



This preview shows how the CIELCh color 57, 18.665, 36.885 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, 18.665, 36.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

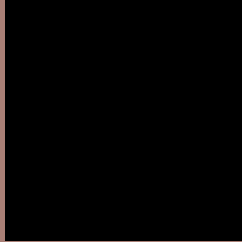
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.665, 36.885

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.665, 36.885.



This preview shows how white text looks on a background with the CIELCh color 57, 18.665, 36.885.

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, 18.665, 36.885

Protanopia

57, 8.309, 92.013

Deuteranopia

57, 13.652, 58.529



Tritanopia
57, 19.339, 6.428

Trichromacy



Original Color
57, 18.665, 36.885

Protanomaly
57, 10.478, 60.367

Deuteranomaly
57, 15.176, 49.420

Tritanomaly
57, 18.223, 17.874

Monochromacy



Original Color
57, 18.665, 36.885

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.478, 40.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.665, 36.885 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(169, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(169, 127, 118)  
}
```

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(169, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 127, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.665, 36.885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

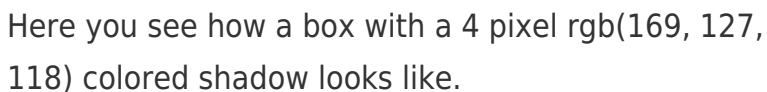
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 127, 118) }
```

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

```
.border{ border-color:rgb(169, 127, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 127, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 127, 118); box-shadow:4px 4px 4px 4px rgb(169, 127, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.665, 36.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 127, 118) }
```

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

```
.background{ background-color: rgb(169,  
127, 118) }
```

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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