

Converting Colors

CIELCh(57, 13.308, 19.488)

Have a look what the booklet for
CIELCh(57, 13.308, 19.488) contains.

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Color

CIELCh(57, 13.111, 18.327)

Conversions

Conversions Part 1

Format	Color
Hex	A18182
RGB	161, 129, 130
RGB Percent	63%, 51%, 51%
CMY	0.3683, 0.4938, 0.4899
CMYK	0.00, 0.20, 0.19, 0.37
HSL	358°, 15%, 57%
HSV	358°, 20%, 63%
XYZ	26.6118, 24.9227, 24.5564
YIQ	138.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

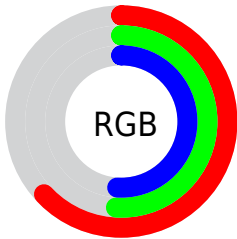
Format	Color
R_{YB}	161, 129, 130
Decimal	10584450
CIE _{Lab}	57.00, 12.45, 4.12
CIE _{LCh}	57, 13.111, 18.327
Yxy	24.9227, 0.3497, 0.3275
Android (android.graphics.Color)	4288774530 (0xFFA18182)
YUV	138.6820, -4.2802, 19.5729
Hunter-Lab	49.9226, 7.7869, 5.7818

Details

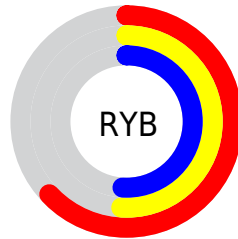
The CIELCh color **57, 13.111, 18.327** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 11.624, 195.656**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 13.008, 18.110**, and **37, 13.011, 18.683** is the 20% darker color. If you saturate the color by 10%, you get **53, 20.416, 19.445**, and if you desaturate by 10%, it is **62, 6.277, 17.429**.

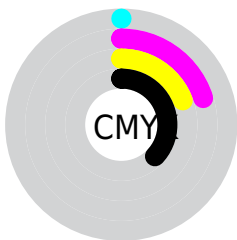
Distribution



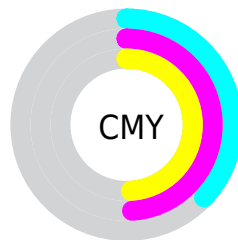
- Red (63%)
- Green (51%)
- Blue (51%)



- Red (63%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 13.111, 18.327 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, 13.111, 18.327 by changing the saturation by 10% instead.

■ 57, 13.111, 18.327

■ 57, 13.111, 18.327

■ 100, 13.111,
18.327

■ 47, 13.111, 18.327

■ 77, 13.111, 18.327

■ 37, 13.111, 18.327

■ 87, 13.111, 18.327

■ 27, 13.111, 18.327

■ 97, 13.111, 18.327

■ 17, 13.111, 18.327

■ 7, 13.111, 18.327

■ 0, 13.111, 18.327

■ 57, 13.111, 18.327

■ 57, 13.111, 18.327

■ 53, 20.416, 19.445

■ 62, 6.277, 17.429

■ 48, 28.152, 20.856

■ 66, 0.081, 202.556

44, 36.213, 22.669

71, 5.988, 196.328

41, 44.424, 24.995

76, 11.481,
195.831

38, 52.541, 27.926

81, 16.602,
195.436

36, 60.261, 31.451

34, 67.141, 35.270

86, 21.392,
195.108

33, 72.586, 38.434

90, 25.892,
194.830

33, 72.656, 38.469

94, 29.115,
197.563

94, 29.110,
197.624

Harmonies

Complementary

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



57, 13.111, 18.327



64, 11.624, 195.656

Rectangle

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



57, 13.111, 18.327



57, 13.111, 68.327



57, 13.111, 198.327



57, 13.111, 248.327

Sweetspot

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



57, 13.109, 18.334



80, 4.656, 17.104



58, 21.654, 324.564



42, 3.089, 17.158



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 13.109, 18.334



70, 19.910, 18.812



61, 10.952, 69.405



32, 3.630, 17.379



30, 66.976, 38.018



1, 5.471, 17.056

Inverse Universe

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



57, 13.109, 18.334



70, 19.910, 18.812



60, 10.293, 254.439



32, 3.630, 17.379



30, 66.976, 38.018



1, 5.471, 17.056

Previews

White Background



This preview shows how the CIELCh color 57, 13.111, 18.327 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, 13.111, 18.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

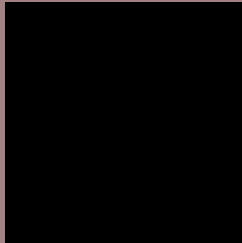
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 13.111, 18.327

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.111, 18.327.



This preview shows how white text looks on a background with the CIELCh color 57, 13.111, 18.327.

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, 13.111, 18.327

Protanopia

57, 1.940, 55.176

Deuteranopia

57, 8.741, 31.418



Tritanopia
57, 14.737, 358.467

Trichromacy



Original Color
57, 13.111, 18.327

Protanomaly
57, 6.022, 19.964

Deuteranomaly
57, 10.296, 26.724

Tritanomaly
57, 14.277, 4.893

Monochromacy



Original Color
57, 13.111, 18.327

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 4.812, 13.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.111, 18.327 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(161, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(161, 129, 130)  
}
```

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(161, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 129, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.111, 18.327 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(161, 129, 130) }
```

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

```
.border{ border-color:rgb(161, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 129, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 129, 130); box-shadow:4px 4px 4px 4px rgb(161, 129, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.111, 18.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 129, 130) }
```

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

```
.background{ background-color: rgb(161,  
129, 130) }
```

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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