

Converting Colors

CIELCh(57, 28.337, 42.626)

Have a look what the booklet for
CIELCh(57, 28.337, 42.626) contains.

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Color

CIELCh(57, 28.753, 42.411)

Conversions

Conversions Part 1

Format	Color
Hex	B67A68
RGB	182, 122, 104
RGB Percent	71%, 48%, 41%
CMY	0.2856, 0.5210, 0.5916
CMYK	0.00, 0.33, 0.43, 0.29
HSL	14°, 35%, 56%
HSV	14°, 43%, 71%
XYZ	28.8136, 24.9227, 16.4267
YIQ	137.8880, 41.5380, 7.1220

Conversions

Conversions Part 2

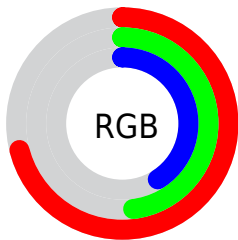
Format	Color
R _Y B	182, 127, 104
Decimal	11958888
CIE Lab	57.00, 21.23, 19.39
CIE LCh	57, 28.753, 42.411
Yxy	24.9227, 0.4107, 0.3552
Android (android.graphics.Color)	4290148968 (0xFFB67A68)
YUV	137.8880, -16.7068, 38.6862
Hunter-Lab	49.9226, 15.6594, 15.4369

Details

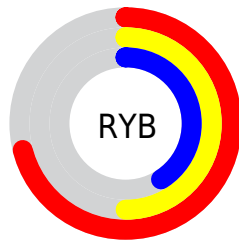
The CIELCh color **57, 28.753, 42.411** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 21.265, 226.409**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 28.871, 42.810**, and **37, 28.774, 42.473** is the 20% darker color. If you saturate the color by 10%, you get **53, 36.898, 42.649**, and if you desaturate by 10%, it is **61, 21.158, 42.359**.

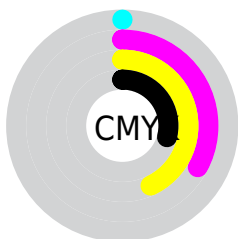
Distribution



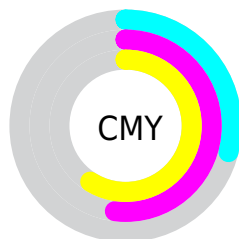
- Red (71%)
- Green (48%)
- Blue (41%)



- Red (71%)
- Yellow (50%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 28.753, 42.411 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, 28.753, 42.411 by changing the saturation by 10% instead.

■ 57, 28.753, 42.411

■ 57, 28.753, 42.411

■ 100, 28.753,
42.411

■ 47, 28.753, 42.411

■ 77, 28.753, 42.411

■ 37, 28.753, 42.411

■ 87, 28.753, 42.411

■ 27, 28.753, 42.411

■ 97, 28.753, 42.411

■ 17, 28.753, 42.411

■ 7, 28.753, 42.411

■ 0, 28.753, 42.411

■ 57, 28.753, 42.411

■ 57, 28.753, 42.411

■ 53, 36.898, 42.649

■ 61, 21.158, 42.359

■ 50, 45.532, 43.075

■ 65, 14.123, 42.447

47, 54.480, 43.662

69, 7.622, 42.636

44, 63.336, 44.269

73, 1.614, 42.702

42, 71.201, 44.496

77, 3.948, 223.514

41, 76.015, 44.557

81, 9.112, 223.866

86, 13.926,
224.302

90, 18.431,
224.769

94, 21.356,
207.560

Harmonies

Complementary

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



57, 28.753, 42.411



64, 21.265, 226.409

Rectangle

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



57, 28.753, 42.411



57, 28.753, 92.411



57, 28.753, 222.411



57, 28.753, 272.411

Sweetspot

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



57, 28.752, 42.416



87, 9.585, 42.628



55, 44.435, 333.969



46, 6.822, 42.581



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



57, 28.752, 42.416



69, 43.971, 42.618



67, 32.085, 89.523



37, 3.340, 42.709



35, 67.301, 44.855



4, 9.186, 35.913

Inverse Universe

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



64, 21.265, 226.409



79, 30.085, 227.759



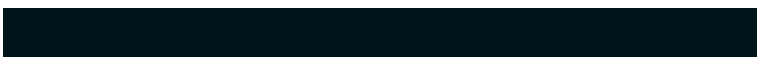
53, 32.720, 281.975



38, 3.160, 223.602



47, 30.946, 241.575



6, 8.515, 234.415

Previews

White Background



This preview shows how the CIELCh color 57, 28.753, 42.411 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, 28.753, 42.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

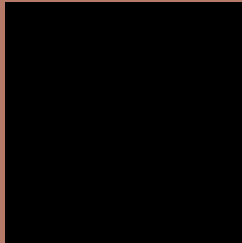
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 28.753, 42.411

Background



This preview shows how black text looks on a background with the CIELCh color 57, 28.753, 42.411.



This preview shows how white text looks on a background with the CIELCh color 57, 28.753, 42.411.

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, 28.753, 42.411

Protanopia

57, 15.113, 95.480

Deuteranopia

57, 21.720, 70.892



Tritanopia
57, 27.275, 12.035

Trichromacy



Original Color
57, 28.753, 42.411

Protanomaly
57, 17.639, 67.359

Deuteranomaly
57, 23.279, 57.804

Tritanomaly
57, 26.787, 23.621

Monochromacy



Original Color
57, 28.753, 42.411

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.696, 40.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 28.753, 42.411 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(182, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(182, 122, 104)  
}
```

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(182, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 122, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 28.753, 42.411 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(182, 122, 104) }
```

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

```
.border{ border-color:rgb(182, 122, 104) }
```

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

Here you see how a box with a 4 pixel rgb(182, 122, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(182, 122,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 28.753, 42.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 122, 104) }
```

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

```
.background{ background-color: rgb(182,  
122, 104) }
```

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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