

Converting Colors

CIELCh(56, 14.950, 46.454)

Have a look what the booklet for
CIELCh(56, 14.950, 46.454) contains.

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Color

CIELCh(56, 15.047, 45.077)

Conversions

Conversions Part 1

Format	Color
Hex	9F7F74
RGB	159, 127, 116
RGB Percent	62%, 50%, 45%
CMY	0.3754, 0.5009, 0.5441
CMYK	0.00, 0.20, 0.27, 0.38
HSL	15°, 18%, 54%
HSV	15°, 27%, 62%
XYZ	25.1434, 23.9124, 19.8917
YIQ	135.3140, 22.6030, 3.3630

Conversions

Conversions Part 2

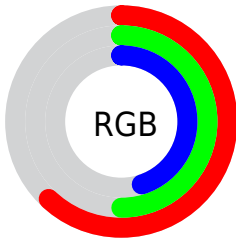
Format	Color
R_{YB}	159, 131, 116
Decimal	10452852
CIE Lab	56.00, 10.63, 10.65
CIE LCh	56, 15.047, 45.077
Yxy	23.9124, 0.3647, 0.3468
Android (android.graphics.Color)	4288642932 (0xFF9F7F74)
YUV	135.3140, -9.5218, 20.7726
Hunter-Lab	48.9003, 6.2048, 10.1122

Details

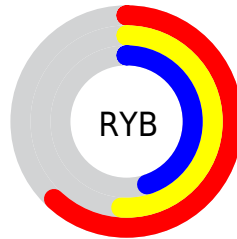
The CIELCh color $56, 15.047, 45.077$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 12.701, 228.065$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 14.898, 45.776$, and $36, 15.132, 44.980$ is the 20% darker color. If you saturate the color by 10%, you get $53, 21.457, 44.899$, and if you desaturate by 10%, it is $59, 9.108, 45.374$.

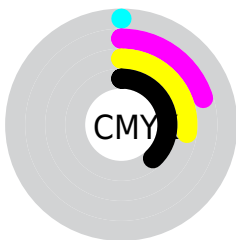
Distribution



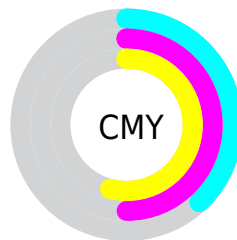
- Red (62%)
- Green (50%)
- Blue (45%)



- Red (62%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 15.047, 45.077 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 56, 15.047, 45.077 by changing the saturation by 10% instead.

■ 56, 15.047, 45.077

■ 56, 15.047, 45.077

■ 100, 15.047,
45.077

■ 46, 15.047, 45.077

■ 76, 15.047, 45.077

■ 36, 15.047, 45.077

■ 86, 15.047, 45.077

■ 26, 15.047, 45.077

■ 96, 15.047, 45.077

■ 16, 15.047, 45.077

■ 6, 15.047, 45.077

■ 0, 15.047, 45.077

■ 56, 15.047, 45.077

■ 56, 15.047, 45.077

■ 53, 21.457, 44.899

■ 59, 9.108, 45.374

■ 49, 28.357, 44.848

■ 63, 3.610, 45.695

46, 35.727, 44.954

67, 1.488, 226.576

43, 43.489, 45.215

70, 6.227, 226.854

41, 51.438, 45.569

74, 10.648,
227.360

38, 59.106, 45.811

78, 14.789,
227.902

36, 65.719, 45.644

36, 67.752, 45.820

81, 18.685,
228.458

85, 22.366,
229.017

89, 25.026,
224.333

Harmonies

Complementary

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



56, 15.047, 45.077



59, 12.701, 228.065

Rectangle

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



56, 15.047, 45.077



56, 15.047, 95.077



56, 15.047, 225.077



56, 15.047, 275.077

Sweetspot

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



56, 15.046, 45.085



79, 5.114, 45.664



54, 24.808, 334.120



42, 3.684, 45.620



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



56, 15.046, 45.085



69, 22.527, 44.966



62, 18.562, 94.020



32, 2.920, 45.631



32, 62.138, 45.934



2, 3.718, 44.528

Inverse Universe

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



59, 12.701, 228.065



74, 18.260, 228.657



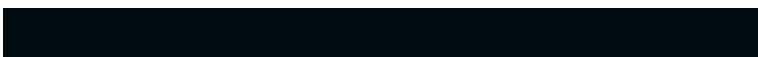
53, 18.903, 281.001



32, 2.770, 226.724



42, 29.733, 246.388



3, 3.672, 230.458

Previews

White Background



This preview shows how the CIELCh color 56, 15.047, 45.077 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 56, 15.047, 45.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

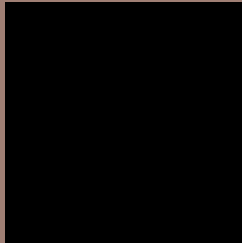
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 15.047, 45.077

Background



This preview shows how black text looks on a background with the CIELCh color 56, 15.047, 45.077.



This preview shows how white text looks on a background with the CIELCh color 56, 15.047, 45.077.

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

56, 15.047, 45.077

Protanopia

56, 8.343, 91.981

Deuteranopia

56, 12.978, 54.844



Tritanopia
56, 15.395, 1.793

Trichromacy



Original Color
56, 15.047, 45.077

Protanomaly
56, 9.710, 69.253

Deuteranomaly
56, 13.768, 50.011

Tritanomaly
56, 14.007, 16.298

Monochromacy



Original Color
56, 15.047, 45.077

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 4.987, 46.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 15.047, 45.077 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(159, 127, 116)` looks like.

```
.text, #text, p{  
    color:rgb(159, 127, 116)  
}
```

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(159, 127, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 127, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 15.047, 45.077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

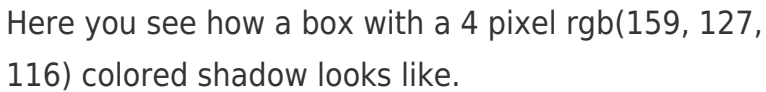
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 127, 116) }
```

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

```
.border{ border-color:rgb(159, 127, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 127, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 127, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 127, 116); box-shadow:4px 4px 4px 4px rgb(159, 127, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 15.047, 45.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 127, 116) }
```

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

```
.background{ background-color: rgb(159,  
127, 116) }
```

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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