

Converting Colors

CIELCh(56, 18.473, 56.079)

Have a look what the booklet for
CIELCh(56, 18.473, 56.079) contains.

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Color

CIELCh(56, 18.473, 56.079)

Conversions

Conversions Part 1

Format	Color
Hex	A17F6C
RGB	161, 127, 108
RGB Percent	63%, 50%, 42%
CMY	0.3678, 0.5012, 0.5757
CMYK	0.00, 0.21, 0.33, 0.37
HSL	22°, 22%, 53%
HSV	22°, 33%, 63%
XYZ	25.0690, 23.9124, 17.5333
YIQ	135.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

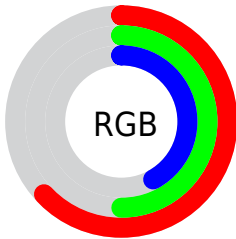
Format	Color
R_{YB}	161, 138, 108
Decimal	10583916
CIE _{Lab}	56.00, 10.31, 15.33
CIE _{LCh}	56, 18.473, 56.079
Yxy	23.9124, 0.3769, 0.3595
Android (android.graphics.Color)	4288773996 (0xFFA17F6C)
YUV	135.0000, -13.3110, 22.8020
Hunter-Lab	48.9003, 5.9334, 12.9717

Details

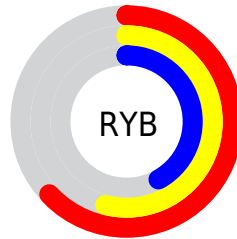
The CIELCh color **56, 18.473, 56.079** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 15.590, 242.943**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 18.752, 56.910**, and **36, 18.585, 57.120** is the 20% darker color. If you saturate the color by 10%, you get **53, 24.948, 55.374**, and if you desaturate by 10%, it is **59, 12.416, 56.855**.

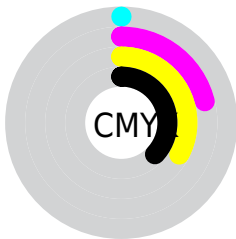
Distribution



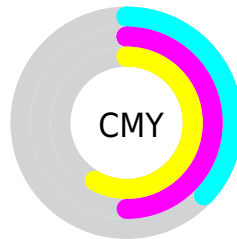
- Red (63%)
- Green (50%)
- Blue (42%)



- Red (63%)
- Yellow (54%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (37%)



- Cyan (37%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 18.473, 56.079 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, 18.473, 56.079 by changing the saturation by 10% instead.

■ 56, 18.473, 56.079

■ 56, 18.473, 56.079

■ 100, 18.473,
56.079

■ 46, 18.473, 56.079

■ 76, 18.473, 56.079

■ 36, 18.473, 56.079

■ 86, 18.473, 56.079

■ 26, 18.473, 56.079

■ 96, 18.473, 56.079

■ 16, 18.473, 56.079

■ 6, 18.473, 56.079

■ 0, 18.473, 56.079

■ 56, 18.473, 56.079

■ 56, 18.473, 56.079

■ 53, 24.948, 55.374

■ 59, 12.416, 56.855

■ 50, 31.842, 54.730

■ 62, 6.757, 57.654

47, 39.104, 54.147

65, 1.462, 58.297

45, 46.589, 53.575

69, 3.505, 239.563

42, 53.952, 52.876

72, 8.180, 240.379

40, 60.487, 51.736

75, 12.597,
241.239

39, 64.744, 50.937

78, 16.789,
242.097

82, 20.782,
242.940

85, 24.601,
243.762

Harmonies

Complementary

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



56, 18.473, 56.079



57, 15.590, 242.943

Rectangle

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



56, 18.473, 56.079



56, 18.473, 106.079



56, 18.473, 236.079



56, 18.473, 286.079

Sweetspot

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



56, 18.473, 56.086



80, 6.421, 57.867



52, 28.466, 338.890



42, 4.391, 57.764



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, 18.473, 56.086



69, 27.731, 55.592



63, 25.126, 99.645



33, 2.959, 57.937



35, 59.832, 51.269



2, 4.473, 54.629

Inverse Universe

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



57, 15.590, 242.943



71, 22.458, 244.204



50, 26.441, 287.732



33, 2.839, 239.797



38, 35.263, 265.136



3, 4.564, 245.832

Previews

White Background



This preview shows how the CIELCh color 56, 18.473, 56.079 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 56, 18.473, 56.079 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, 18.473, 56.079

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.473, 56.079.



This preview shows how white text looks on a background with the CIELCh color 56, 18.473, 56.079.

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, 18.473, 56.079

Protanopia

56, 12.966, 93.596

Deuteranopia

56, 17.162, 63.975



Tritanopia
56, 16.981, 3.891

Trichromacy



Original Color
56, 18.473, 56.079

Protanomaly
56, 14.028, 77.689

Deuteranomaly
56, 17.772, 59.874

Tritanomaly
56, 15.836, 23.148

Monochromacy



Original Color
56, 18.473, 56.079

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 6.647, 56.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.473, 56.079 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, 127, 108)` looks like.

```
.text, #text, p{  
    color:rgb(161, 127, 108)  
}
```

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, 127, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 127, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.473, 56.079 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, 127, 108) }
```

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

```
.border{ border-color:rgb(161, 127, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 127, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 127, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 127, 108);  
box-shadow:4px 4px 4px 4px rgb(161, 127,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.473, 56.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 127, 108) }
```

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

```
.background{ background-color: rgb(161,  
127, 108) }
```

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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