

Converting Colors

CIELCh(56, 23.999, 10.267)

Have a look what the booklet for
CIELCh(56, 23.999, 10.267) contains.

CIELCh(56, 23.984, 10.081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 23.984, 10.081)

Conversions

Conversions Part 1

Format	Color
Hex	B07780
RGB	176, 119, 128
RGB Percent	69%, 47%, 50%
CMY	0.3106, 0.5340, 0.4987
CMYK	0.00, 0.32, 0.27, 0.31
HSL	351°, 26%, 58%
HSV	351°, 32%, 69%
XYZ	28.3208, 23.9124, 23.4833
YIQ	137.0690, 31.0830, 14.8830

Conversions

Conversions Part 2

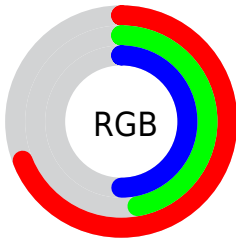
Format	Color
R_{YB}	176, 119, 128
Decimal	11564928
CIE _{Lab}	56.00, 23.61, 4.20
CIE _{LCh}	56, 23.984, 10.081
Yxy	23.9124, 0.3740, 0.3158
Android (android.graphics.Color)	4289755008 (0xFFB07780)
YUV	137.0690, -4.4710, 34.1425
Hunter-Lab	48.9003, 17.8035, 5.7575

Details

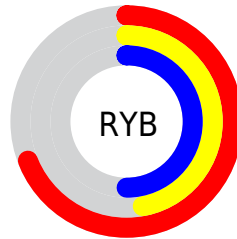
The CIELCh color **56, 23.984, 10.081** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 20.600, 183.696**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 23.982, 10.069**, and **36, 23.848, 10.384** is the 20% darker color. If you saturate the color by 10%, you get **52, 32.032, 11.746**, and if you desaturate by 10%, it is **61, 16.174, 8.732**.

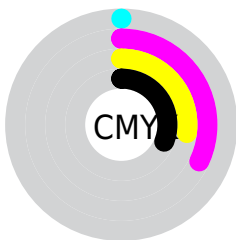
Distribution



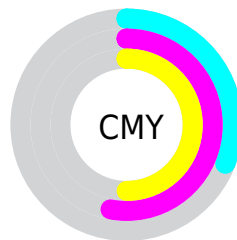
- Red (69%)
- Green (47%)
- Blue (50%)



- Red (69%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 23.984, 10.081 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, 23.984, 10.081 by changing the saturation by 10% instead.

56, 23.984, 10.081

56, 23.984, 10.081

100, 23.984,
10.081

46, 23.984, 10.081

76, 23.984, 10.081

36, 23.984, 10.081

86, 23.984, 10.081

26, 23.984, 10.081

96, 23.984, 10.081

16, 23.984, 10.081

6, 23.984, 10.081

0, 23.984, 10.081

56, 23.984, 10.081

56, 23.984, 10.081

52, 32.032, 11.746

61, 16.174, 8.732

47, 40.144, 13.823

66, 8.713, 7.598

44, 48.067, 16.448

71, 1.646, 6.433

41, 55.507, 19.758

76, 5.016, 186.020

39, 62.221, 23.844

81, 11.290,
185.279

37, 68.087, 28.619

86, 17.202,
184.661

37, 72.157, 32.232

91, 22.783,
184.120

95, 26.121,
187.816

95, 25.162,
197.866

Harmonies

Complementary

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



56, 23.984, 10.081



68, 20.600, 183.696

Rectangle

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



56, 23.984, 10.081



56, 23.984, 60.081



56, 23.984, 190.081



56, 23.984, 240.081

Sweetspot

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



56, 23.982, 10.085



85, 8.663, 7.363



57, 36.681, 321.245



44, 5.928, 7.506



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



56, 23.982, 10.085



68, 36.399, 11.257



60, 19.572, 53.325



34, 3.895, 7.271



31, 63.896, 31.530



2, 7.957, 8.823

Inverse Universe

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



56, 23.982, 10.085



68, 36.399, 11.257



63, 16.341, 239.447



34, 3.895, 7.271



31, 63.896, 31.530



2, 7.957, 8.823

Previews

White Background



This preview shows how the CIELCh color 56, 23.984, 10.081 looks on a white background.

Color Contrast Check

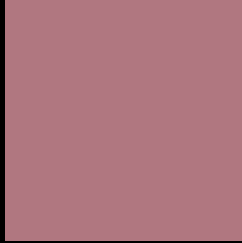
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.984, 10.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

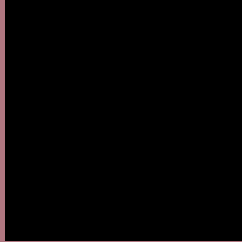
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 23.984, 10.081

Background



This preview shows how black text looks on a background with the CIELCh color 56, 23.984, 10.081.



This preview shows how white text looks on a background with the CIELCh color 56, 23.984, 10.081.

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, 23.984, 10.081

Protanopia

56, 1.401, 324.381

Deuteranopia

56, 8.924, 34.953



Tritanopia
56, 23.984, 10.081

Trichromacy



Original Color
56, 23.984, 10.081

Protanomaly
56, 9.294, 2.557

Deuteranomaly
56, 14.016, 18.608

Tritanomaly
56, 23.984, 10.081

Monochromacy



Original Color
56, 23.984, 10.081

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 8.735, 5.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 23.984, 10.081 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(176, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(176, 119, 128)  
}
```

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(176, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 119, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 23.984, 10.081 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(176, 119, 128) }
```

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

```
.border{ border-color:rgb(176, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(176, 119,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 23.984, 10.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 119, 128) }
```

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

```
.background{ background-color: rgb(176,  
119, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor