

Converting Colors

CIELCh(56, 18.221, 7.773)

Have a look what the booklet for
CIELCh(56, 18.221, 7.773) contains.

CIELCh(56, 18.094, 7.014)	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, 18.094, 7.014)

Conversions

Conversions Part 1

Format	Color
Hex	A67B83
RGB	166, 123, 131
RGB Percent	65%, 48%, 51%
CMY	0.3490, 0.5176, 0.4863
CMYK	0.00, 0.26, 0.21, 0.35
HSL	349°, 19%, 57%
HSV	349°, 26%, 65%
XYZ	26.9063, 23.9124, 24.6709
YIQ	136.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

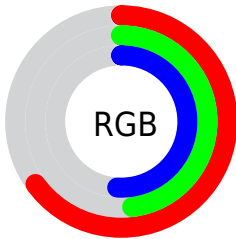
Format	Color
R_{YB}	166, 123, 131
Decimal	10910595
CIE Lab	56.00, 17.96, 2.21
CIE LCh	56, 18.094, 7.014
Yxy	23.9124, 0.3564, 0.3168
Android (android.graphics.Color)	4289100675 (0xFFA67B83)
YUV	136.7690, -2.8441, 25.6356
Hunter-Lab	48.9003, 12.6402, 4.3176

Details

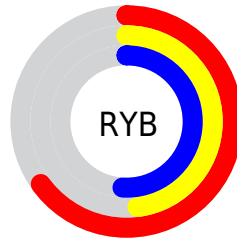
The CIELCh color **56, 18.094, 7.014** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 16.222, 182.035**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 18.074, 7.337**, and **36, 17.945, 6.617** is the 20% darker color. If you saturate the color by 10%, you get **52, 25.618, 8.465**, and if you desaturate by 10%, it is **61, 10.835, 5.811**.

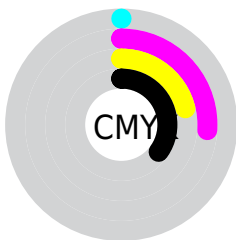
Distribution



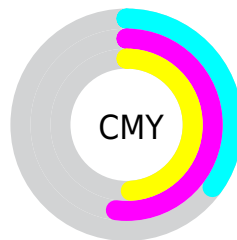
- Red (65%)
- Green (48%)
- Blue (51%)



- Red (65%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (35%)




- Cyan (35%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 18.094, 7.014 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, 18.094, 7.014 by changing the saturation by 10% instead.

 56, 18.094, 7.014  56, 18.094, 7.014

 100, 18.094, 7.014  46, 18.094, 7.014

 76, 18.094, 7.014  36, 18.094, 7.014

 86, 18.094, 7.014  26, 18.094, 7.014

 96, 18.094, 7.014  16, 18.094, 7.014

 6, 18.094, 7.014

 0, 18.094, 7.014

 56, 18.094, 7.014  56, 18.094, 7.014

 52, 25.618, 8.465  61, 10.835, 5.811

 47, 33.283, 10.241  65, 3.916, 4.736

44, 40.882, 12.459

70, 2.640, 184.162

40, 48.147, 15.257

75, 8.834, 183.298

38, 54.799, 18.777

80, 14.685,
182.622

36, 60.644, 23.097

85, 20.219,
182.031

35, 65.680, 28.079

34, 67.727, 30.016

90, 25.465,
181.504

94, 30.079,
181.656

95, 28.026,
195.155

Harmonies

Complementary

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



56, 18.094, 7.014



65, 16.222, 182.035

Rectangle

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



56, 18.094, 7.014



56, 18.094, 57.014



56, 18.094, 187.014



56, 18.094, 237.014

Sweetspot

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



56, 18.092, 7.018



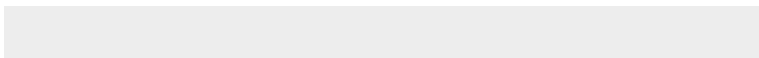
82, 6.635, 4.979



56, 27.719, 319.938



43, 4.772, 5.134



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 18.092, 7.018



69, 27.247, 7.805



59, 14.652, 49.992



33, 3.832, 5.100



30, 61.911, 29.449



1, 6.768, 6.340

Inverse Universe

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



56, 18.092, 7.018



69, 27.247, 7.805



61, 12.607, 233.947



33, 3.832, 5.100



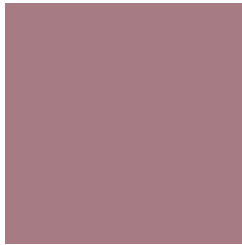
30, 61.911, 29.449



1, 6.768, 6.340

Previews

White Background



This preview shows how the CIELCh color 56, 18.094, 7.014 looks on a white background.

Color Contrast Check

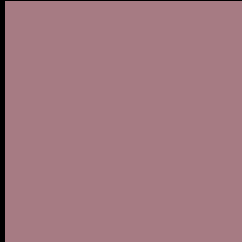
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.094, 7.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

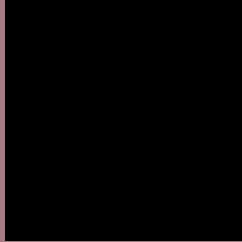
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 18.094, 7.014

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.094, 7.014.



This preview shows how white text looks on a background with the CIELCh color 56, 18.094, 7.014.

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, 18.094, 7.014

Protanopia

56, 1.901, 314.688

Deuteranopia

56, 7.696, 20.169



Tritanopia
56, 18.195, 5.261

Trichromacy



Original Color
56, 18.094, 7.014

Protanomaly
56, 7.366, 357.402

Deuteranomaly
56, 11.518, 12.150

Tritanomaly
56, 18.195, 5.261

Monochromacy



Original Color
56, 18.094, 7.014

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.620, 5.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.094, 7.014 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(166, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(166, 123, 131)  
}
```

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(166, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 123, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.094, 7.014 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(166, 123, 131) }
```

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

```
.border{ border-color:rgb(166, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(166, 123,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.094, 7.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 123, 131) }
```

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

```
.background{ background-color: rgb(166,  
123, 131) }
```

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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