

Converting Colors

CIELCh(56, 4.431, 12.399)

Have a look what the booklet for
CIELCh(56, 4.431, 12.399) contains.

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Color

CIELCh(56, 4.431, 12.399)

Conversions

Conversions Part 1

Format	Color
Hex	8F8485
RGB	143, 132, 133
RGB Percent	56%, 52%, 52%
CMY	0.4405, 0.4836, 0.4797
CMYK	0.00, 0.08, 0.07, 0.44
HSL	355°, 5%, 54%
HSV	355°, 8%, 56%
XYZ	23.6922, 23.9124, 25.4425
YIQ	135.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

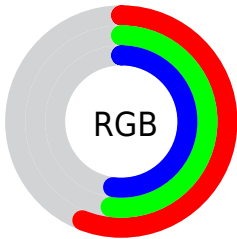
Format	Color
R_{YB}	143, 132, 133
Decimal	9405573
CIE _{Lab}	56.00, 4.33, 0.95
CIE _{LCh}	56, 4.431, 12.399
Yxy	23.9124, 0.3243, 0.3274
Android (android.graphics.Color)	4287595653 (0xFF8F8485)
YUV	135.4030, -1.1847, 6.6626
Hunter-Lab	48.9003, 0.9075, 3.3821

Details

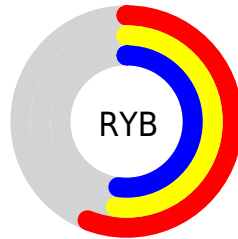
The CIELCh color $[56, 4.431, 12.399]$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $[58, 4.259, 191.441]$, and the grayscale version is $[56, 0.007, 296.813]$.

A 20% lighter version of the original color is $[76, 4.530, 12.868]$, and $[36, 4.392, 11.917]$ is the 20% darker color. If you saturate the color by 10%, you get $[52, 10.514, 13.392]$, and if you desaturate by 10%, it is $[60, 1.275, 192.075]$.

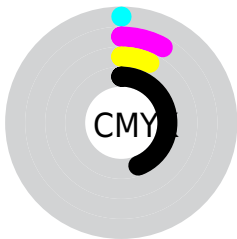
Distribution



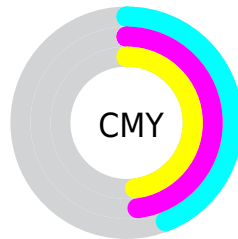
- Red (56%)
- Green (52%)
- Blue (52%)



- Red (56%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 4.431, 12.399 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, 4.431, 12.399 by changing the saturation by 10% instead.

■ 56, 4.431, 12.399 ■ 56, 4.431, 12.399

■ 100, 4.431, 12.399 ■ 46, 4.431, 12.399

■ 76, 4.431, 12.399 ■ 36, 4.431, 12.399

■ 86, 4.431, 12.399 ■ 26, 4.431, 12.399

■ 96, 4.431, 12.399 ■ 16, 4.431, 12.399

■ 6, 4.431, 12.399

■ 0, 4.431, 12.399

■ 56, 4.431, 12.399 ■ 56, 4.431, 12.399

■ 52, 10.514, 13.392 ■ 60, 1.275, 192.075

■ 48, 16.971, 14.535 ■ 65, 6.614, 191.166

44, 23.757, 15.945

69, 11.613,
190.589

40, 30.778, 17.713

73, 16.304,
190.103

37, 37.880, 19.953

34, 44.853, 22.783

78, 20.719,
189.683

32, 51.469, 26.285

82, 24.888,
189.312

30, 57.510, 30.400

29, 62.826, 34.586

86, 28.839,
188.983

91, 32.598,
188.688

94, 34.243,
192.452

Harmonies

Complementary

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



56, 4.431, 12.399



58, 4.259, 191.441

Rectangle

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



56, 4.431, 12.399



56, 4.431, 62.399



56, 4.431, 192.399



56, 4.431, 242.399

Sweetspot

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



56, 4.430, 12.416



75, 1.404, 11.698



56, 7.409, 322.052



39, 0.804, 11.663



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 4.430, 12.416



71, 6.460, 12.558



57, 3.621, 63.042



28, 3.264, 12.556



27, 61.299, 35.041



0, 2.143, 11.903

Inverse Universe

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



56, 4.430, 12.416



71, 6.460, 12.558



57, 3.520, 244.808



28, 3.264, 12.556



27, 61.299, 35.041



0, 2.143, 11.903

Previews

White Background



This preview shows how the CIELCh color 56, 4.431, 12.399 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, 4.431, 12.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

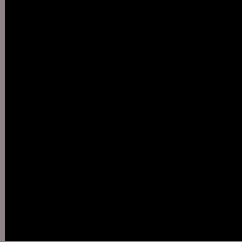
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 4.431, 12.399

Background



This preview shows how black text looks on a background with the CIELCh color 56, 4.431, 12.399.



This preview shows how white text looks on a background with the CIELCh color 56, 4.431, 12.399.

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, 4.431, 12.399

Protanopia

56, 1.185, 19.181

Deuteranopia

56, 7.428, 6.874



Tritanopia
56, 8.380, 331.597

Trichromacy



Original Color
56, 4.431, 12.399

Protanomaly
56, 2.451, 6.032

Deuteranomaly
56, 6.119, 9.278

Tritanomaly
56, 6.528, 342.293

Monochromacy



Original Color
56, 4.431, 12.399

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 1.582, 19.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 4.431, 12.399 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(143, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 132, 133)  
}
```

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(143, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 132, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 4.431, 12.399 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(143, 132, 133) }
```

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

```
.border{ border-color:rgb(143, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 132,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 4.431, 12.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 132, 133) }
```

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

```
.background{ background-color: rgb(143,  
132, 133) }
```

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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