

Converting Colors

CIELCh(56, 4.138, 1.375)

Have a look what the booklet for
CIELCh(56, 4.138, 1.375) contains.

CIELCh(56, 4.146, 3.783)	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, 4.146, 3.783)

Conversions

Conversions Part 1

Format	Color
Hex	8E8486
RGB	142, 132, 134
RGB Percent	56%, 52%, 53%
CMY	0.4438, 0.4830, 0.4751
CMYK	0.00, 0.07, 0.06, 0.44
HSL	348°, 4%, 54%
HSV	348°, 7%, 56%
XYZ	23.6491, 23.9124, 25.8648
YIQ	135.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

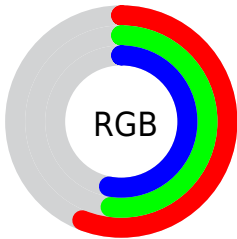
Format	Color
R_{YB}	142, 132, 134
Decimal	9340038
CIE Lab	56.00, 4.14, 0.27
CIE LCh	56, 4.146, 3.783
Yxy	23.9124, 0.3221, 0.3257
Android (android.graphics.Color)	4287530118 (0xFF8E8486)
YUV	135.2180, -0.6005, 5.9478
Hunter-Lab	48.9003, 0.7504, 2.8700

Details

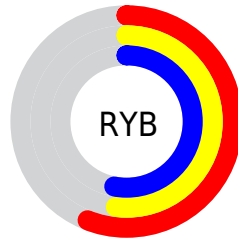
The CIELCh color $56, 4.146, 3.783$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 4.032, 182.758$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 4.255, 5.030$, and $36, 3.956, 10.941$ is the 20% darker color. If you saturate the color by 10%, you get $52, 10.282, 4.867$, and if you desaturate by 10%, it is $60, 1.686, 183.259$.

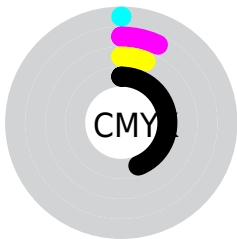
Distribution



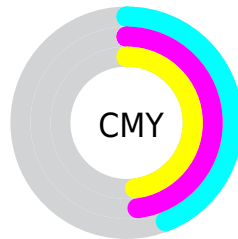
- Red (56%)
- Green (52%)
- Blue (53%)



- Red (56%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 4.146, 3.783 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, 4.146, 3.783 by changing the saturation by 10% instead.

■ 56, 4.146, 3.783

■ 56, 4.146, 3.783

■ 100, 4.146, 3.783

■ 46, 4.146, 3.783

■ 76, 4.146, 3.783

■ 36, 4.146, 3.783

■ 86, 4.146, 3.783

■ 26, 4.146, 3.783

■ 96, 4.146, 3.783

■ 16, 4.146, 3.783

■ 6, 4.146, 3.783

■ 0, 4.146, 3.783

■ 56, 4.146, 3.783

■ 56, 4.146, 3.783

■ 52, 10.282, 4.867

■ 60, 1.686, 183.259

■ 48, 16.697, 6.079

■ 64, 7.209, 182.321

44, 23.325, 7.527

69, 12.436,
181.630

40, 30.045, 9.297

73, 17.387,
181.025

37, 36.675, 11.498

34, 42.977, 14.265

77, 22.088,
180.484

32, 48.710, 17.737

82, 26.561,
179.995

30, 53.710, 22.002

29, 58.078, 26.855

86, 30.830,
179.551

90, 34.916,
179.143

93, 36.798,
181.551

Harmonies

Complementary

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



56, 4.146, 3.783



58, 4.032, 182.758

Rectangle

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



56, 4.146, 3.783



56, 4.146, 53.783



56, 4.146, 183.783



56, 4.146, 233.783

Sweetspot

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



56, 4.145, 3.798



74, 1.435, 3.109



56, 6.547, 319.087



38, 0.813, 3.074



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



56, 4.145, 3.798



70, 5.824, 3.917



57, 3.265, 50.991



28, 3.357, 4.024



27, 57.238, 27.912



0, 2.217, 3.261

Inverse Universe

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



56, 4.145, 3.798



70, 5.824, 3.917



57, 3.152, 232.177



28, 3.357, 4.024



27, 57.238, 27.912



0, 2.217, 3.261

Previews

White Background



This preview shows how the CIELCh color 56, 4.146, 3.783 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, 4.146, 3.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

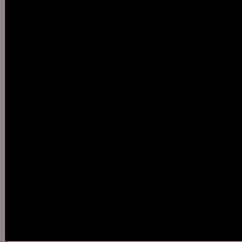
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 4.146, 3.783

Background



This preview shows how black text looks on a background with the CIELCh color 56, 4.146, 3.783.



This preview shows how white text looks on a background with the CIELCh color 56, 4.146, 3.783.

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, 4.146, 3.783

Protanopia

56, 0.983, 343.456

Deuteranopia

56, 7.178, 1.627



Tritanopia
56, 7.433, 329.851

Trichromacy



Original Color

56, 4.146, 3.783

Protanomaly

56, 2.294, 349.577

Deuteranomaly

56, 5.851, 2.985

Tritanomaly

56, 6.220, 339.996

Monochromacy



Original Color

56, 4.146, 3.783

Achromatopsia

56, 0.007, 296.813

Achromatomaly

56, 1.322, 353.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 4.146, 3.783 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(142, 132, 134)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 134)  
}
```

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(142, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 4.146, 3.783 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(142, 132, 134) }
```

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

```
.border{ border-color:rgb(142, 132, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 4.146, 3.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 134) }
```

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

```
.background{ background-color: rgb(142,  
132, 134) }
```

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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