

Converting Colors

CIELCh(56, 2.459, 345.643)

Have a look what the booklet for
CIELCh(56, 2.459, 345.643) contains.

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Color

CIELCh(56, 2.294, 349.577)

Conversions

Conversions Part 1

Format	Color
Hex	8A8587
RGB	138, 133, 135
RGB Percent	54%, 52%, 53%
CMY	0.4590, 0.4786, 0.4707
CMYK	0.00, 0.04, 0.02, 0.46
HSL	336°, 2%, 53%
HSV	336°, 4%, 54%
XYZ	23.2273, 23.9124, 26.2986
YIQ	134.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

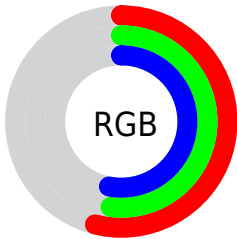
Format	Color
R_{YB}	138, 133, 135
Decimal	9078151
CIE Lab	56.00, 2.26, -0.42
CIE LCh	56, 2.294, 349.577
Yxy	23.9124, 0.3163, 0.3256
Android (android.graphics.Color)	4287268231 (0xFF8A8587)
YUV	134.7230, 0.1366, 2.8739
Hunter-Lab	48.9003, -0.7892, 2.3441

Details

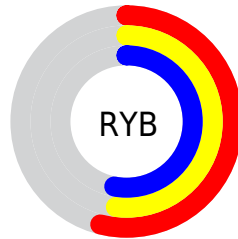
The CIELCh color $56, 2.294, 349.577$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 2.269, 169.273$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 2.159, 349.446$, and $36, 1.831, 359.754$ is the 20% darker color. If you saturate the color by 10%, you get $52, 8.748, 350.618$, and if you desaturate by 10%, it is $60, 3.952, 169.006$.

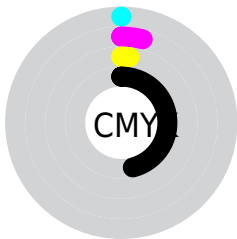
Distribution



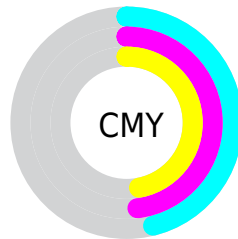
- Red (54%)
- Green (52%)
- Blue (53%)



- Red (54%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (46%)



- Cyan (46%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 2.294, 349.577 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, 2.294, 349.577 by changing the saturation by 10% instead.

■ 56, 2.294, 349.577

■ 56, 2.294, 349.577

■ 100, 2.294,
349.577

■ 46, 2.294, 349.577

■ 76, 2.294, 349.577

■ 36, 2.294, 349.577

■ 86, 2.294, 349.577

■ 26, 2.294, 349.577

■ 96, 2.294, 349.577

■ 16, 2.294, 349.577

■ 6, 2.294, 349.577

■ 0, 2.294, 349.577

■ 56, 2.294, 349.577

■ 56, 2.294, 349.577

■ 52, 8.748, 350.618

■ 60, 3.952, 169.006

■ 48, 15.367,

■ 64, 9.965, 168.214

351.669

68, 15.744,
167.525

44, 22.061,
352.863

72, 21.295,
166.900

41, 28.688,
354.255

77, 26.631,
166.325

38, 35.037,
355.916

81, 31.767,
165.794

35, 40.834,
357.945

85, 36.721,
165.302

32, 45.765, 0.470

89, 41.506,
164.844

30, 49.565, 3.651

29, 52.135, 7.637

92, 45.015,
165.148

Harmonies

Complementary

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



56, 2.294, 349.577



57, 2.269, 169.273

Rectangle

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



56, 2.294, 349.577



56, 2.294, 39.577



56, 2.294, 169.577



56, 2.294, 219.577

Sweetspot

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



56, 2.292, 349.594



72, 0.781, 349.000



56, 3.111, 312.591



38, 0.443, 348.956



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



56, 2.292, 349.594



71, 3.126, 349.651



56, 1.803, 28.454



28, 1.785, 349.708



27, 52.065, 10.122



0, 1.645, 349.428

Inverse Universe

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



56, 2.292, 349.594



71, 3.126, 349.651



57, 1.764, 208.776



28, 1.785, 349.708



27, 52.065, 10.122



0, 1.645, 349.428

Previews

White Background



This preview shows how the CIELCh color 56, 2.294, 349.577 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, 2.294, 349.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

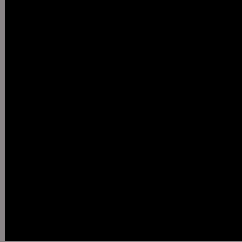
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

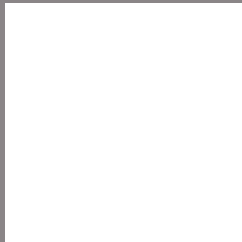
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 2.294, 349.577

Background



This preview shows how black text looks on a background with the CIELCh color 56, 2.294, 349.577.

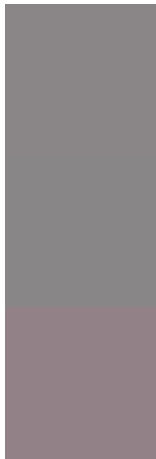


This preview shows how white text looks on a background with the CIELCh color 56, 2.294, 349.577.

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, 2.294, 349.577

Protanopia

56, 0.983, 343.456

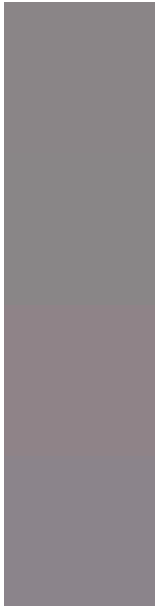
Deuteranopia

56, 7.237, 351.919



Tritanopia
56, 6.371, 315.995

Trichromacy



Original Color

56, 2.294, 349.577

Protanomaly

56, 1.322, 353.617

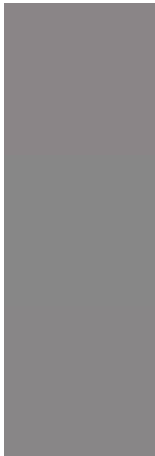
Deuteranomaly

56, 5.564, 349.065

Tritanomaly

56, 4.882, 324.668

Monochromacy



Original Color

56, 2.294, 349.577

Achromatopsia

56, 0.007, 296.813

Achromatomaly

56, 0.983, 343.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 2.294, 349.577 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(138, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(138, 133, 135)  
}
```

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(138, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 133, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 2.294, 349.577 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(138, 133, 135) }
```

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

```
.border{ border-color:rgb(138, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(138, 133,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 2.294, 349.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 133, 135) }
```

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

```
.background{ background-color: rgb(138,  
133, 135) }
```

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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