

Converting Colors

CIELCh(56, 0.354, 211.241)

Have a look what the booklet for
CIELCh(56, 0.354, 211.241) contains.

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Color

CIELCh(56, 0.392, 200.414)

Conversions

Conversions Part 1

Format	Color
Hex	858686
RGB	133, 134, 134
RGB Percent	52%, 53%, 53%
CMY	0.4769, 0.4729, 0.4729
CMYK	0.01, 0.00, 0.00, 0.47
HSL	180°, 0%, 53%
HSV	180°, 1%, 53%
XYZ	22.6474, 23.9124, 26.1227
YIQ	133.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

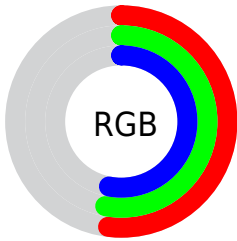
Format	Color
R_{YB}	133, 134, 134
Decimal	8750726
CIE _{Lab}	56.00, -0.37, -0.14
CIE _{LCh}	56, 0.392, 200.414
Yxy	23.9124, 0.3116, 0.3290
Android (android.graphics.Color)	4286940806 (0xFF858686)
YUV	133.7010, 0.1474, -0.6148
Hunter-Lab	48.9003, -2.9061, 2.5573

Details

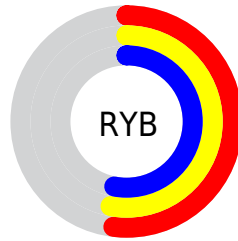
The CIELCh color $56, 0.392, 200.414$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 0.397, 18.218$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 0.368, 200.801$, and $36, 0.005, 296.813$ is the 20% darker color. If you saturate the color by 10%, you get $55, 5.539, 198.714$, and if you desaturate by 10%, it is $57, 4.968, 19.644$.

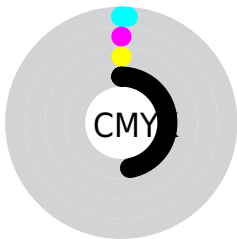
Distribution



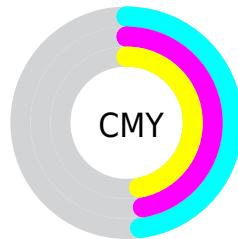
- Red (52%)
- Green (53%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 0.392, 200.414 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, 0.392, 200.414 by changing the saturation by 10% instead.

■ 56, 0.392, 200.414

■ 56, 0.392, 200.414

■ 100, 0.392,
200.414

■ 46, 0.392, 200.414

■ 76, 0.392, 200.414

■ 36, 0.392, 200.414

■ 86, 0.392, 200.414

■ 26, 0.392, 200.414

■ 96, 0.392, 200.414

■ 16, 0.392, 200.414

■ 6, 0.392, 200.414

■ 0, 0.392, 200.414

■ 56, 0.392, 200.414

■ 56, 0.392, 200.414

■ 55, 5.539, 198.714

■ 57, 4.968, 19.644

■ 54, 10.400,

■ 58, 10.480, 20.267

198.185

60, 16.090, 20.876

53, 14.896,
197.721

61, 21.755, 21.486

52, 18.948,
197.311

63, 27.438, 22.098

52, 22.482,
196.957

64, 33.114, 22.709

51, 25.434,
196.661

68, 44.367, 23.910

51, 27.764,
196.425

69, 49.919, 24.496

51, 29.457,
196.246

51, 30.538,
196.121

Harmonies

Complementary

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



56, 0.392, 200.414



56, 0.397, 18.218

Rectangle

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



56, 0.392, 200.414



56, 0.392, 250.414



56, 0.392, 20.414



56, 0.392, 70.414

Sweetspot

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



56, 0.393, 200.216



72, 0.009, 296.813



56, 0.691, 144.235



38, 0.005, 296.813



87, 0.010, 296.813

Same Dimension

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



56, 0.393, 200.216



72, 0.656, 199.919



56, 0.347, 254.494



28, 0.293, 200.018



49, 30.459, 196.036



1, 0.707, 199.226

Inverse Universe

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



56, 0.397, 18.218



71, 0.662, 18.514



56, 0.337, 72.665



28, 0.296, 18.415



26, 62.047, 38.416



0, 0.707, 19.209

Previews

White Background



This preview shows how the CIELCh color 56, 0.392, 200.414 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, 0.392, 200.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

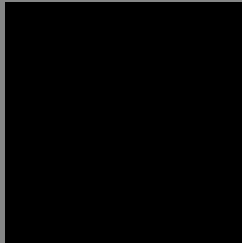
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 0.392, 200.414

Background



This preview shows how black text looks on a background with the CIELCh color 56, 0.392, 200.414.



This preview shows how white text looks on a background with the CIELCh color 56, 0.392, 200.414.

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, 0.392, 200.414

Protanopia

56, 1.324, 353.621

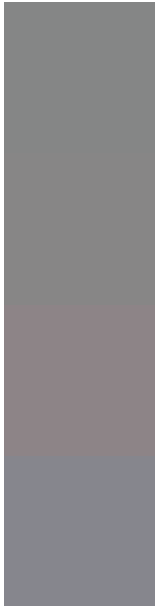
Deuteranopia

56, 6.996, 356.065



Tritanopia
56, 6.363, 297.830

Trichromacy



Original Color

56, 0.392, 200.414

Protanomaly

56, 0.395, 18.405

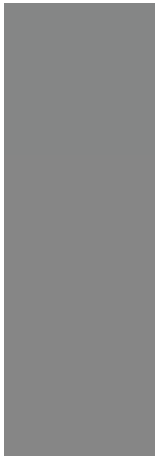
Deuteranomaly

56, 3.970, 354.173

Tritanomaly

56, 4.010, 290.666

Monochromacy



Original Color

56, 0.392, 200.414

Achromatopsia

56, 0.007, 296.813

Achromatomaly

56, 0.007, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 0.392, 200.414 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(133, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(133, 134, 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(133, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 134, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 0.392, 200.414 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(133, 134, 134) }
```

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

```
.border{ border-color:rgb(133, 134, 134) }
```

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

Here you see how a box with a 4 pixel rgb(133, 134, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(133, 134,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 0.392, 200.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 134, 134) }
```

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

```
.background{ background-color: rgb(133,  
134, 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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