

Converting Colors

CIELCh(56, 7.188, 87.604)

Have a look what the booklet for
CIELCh(56, 7.188, 87.604) contains.

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Color

CIELCh(56, 7.257, 89.548)

Conversions

Conversions Part 1

Format	Color
Hex	8C867A
RGB	140, 134, 122
RGB Percent	55%, 53%, 48%
CMY	0.4522, 0.4757, 0.5227
CMYK	0.00, 0.04, 0.13, 0.45
HSL	40°, 7%, 51%
HSV	40°, 13%, 55%
XYZ	22.7406, 23.9124, 21.7322
YIQ	134.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

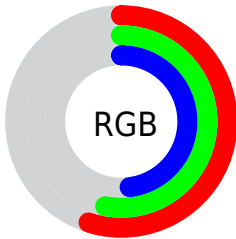
Format	Color
R_{YB}	131, 140, 122
Decimal	9209466
CIE Lab	56.00, 0.06, 7.26
CIE LCh	56, 7.257, 89.548
Yxy	23.9124, 0.3325, 0.3497
Android (android.graphics.Color)	4287399546 (0xFF8C867A)
YUV	134.4260, -6.1260, 4.8884
Hunter-Lab	48.9003, -2.5659, 7.8807

Details

The CIELCh color $56, 7.257, 89.548$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 7.246, 272.832$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 7.452, 88.456$, and $36, 7.321, 87.299$ is the 20% darker color. If you saturate the color by 10%, you get $54, 13.030, 88.317$, and if you desaturate by 10%, it is $58, 1.600, 90.684$.

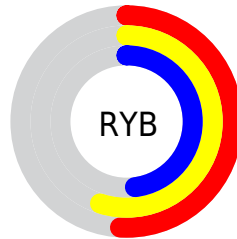
Distribution



Red (55%)

Green (53%)

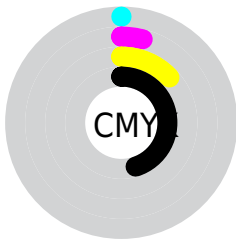
Blue (48%)



Red (51%)

Yellow (55%)

Blue (48%)

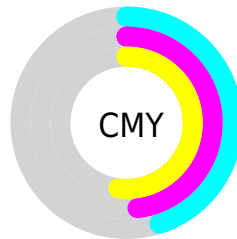


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (45%)



Cyan (45%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 7.257, 89.548 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, 7.257, 89.548 by changing the saturation by 10% instead.

 56, 7.257, 89.548  56, 7.257, 89.548

 100, 7.257, 89.548  46, 7.257, 89.548

 76, 7.257, 89.548  36, 7.257, 89.548

 86, 7.257, 89.548  26, 7.257, 89.548

 96, 7.257, 89.548  16, 7.257, 89.548

 6, 7.257, 89.548

 0, 7.257, 89.548

 56, 7.257, 89.548  56, 7.257, 89.548

 54, 13.030, 88.317  58, 1.600, 90.684

 53, 18.907, 87.029  59, 3.941, 272.015

51, 24.859, 85.702

61, 9.372, 273.109

50, 30.822, 84.334

63, 14.697,
274.174

48, 36.674, 82.912

65, 19.926,
275.192

47, 42.194, 81.404

46, 47.007, 79.739

66, 25.065,
276.162

44, 50.582, 77.785

68, 30.122,
277.082

43, 52.773, 76.360

70, 35.103,
277.954

72, 40.014,
278.780

Harmonies

Complementary

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



56, 7.257, 89.548



53, 7.246, 272.832

Rectangle

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



56, 7.257, 89.548



56, 7.257, 139.548



56, 7.257, 269.548



56, 7.257, 319.548

Sweetspot

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



56, 7.258, 89.561



73, 2.755, 90.574



53, 8.043, 354.846



38, 1.975, 90.503



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, 7.258, 89.561



71, 10.474, 89.262



57, 10.266, 115.808



28, 3.130, 90.009



41, 50.823, 76.510



1, 1.444, 91.136

Inverse Universe

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



53, 7.246, 272.832



67, 10.448, 273.182



52, 10.549, 297.674



27, 3.130, 272.326



22, 58.484, 295.575



0, 1.444, 271.143

Previews

White Background



This preview shows how the CIELCh color 56, 7.257, 89.548 looks on a white background.

Color Contrast Check

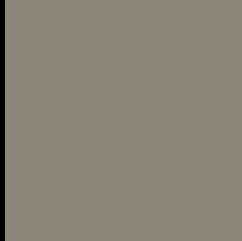
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.257, 89.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

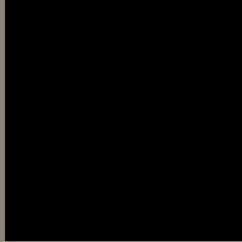
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

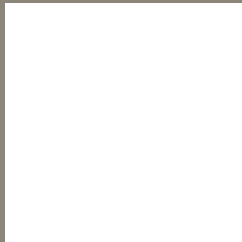
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 7.257, 89.548

Background



This preview shows how black text looks on a background with the CIELCh color 56, 7.257, 89.548.

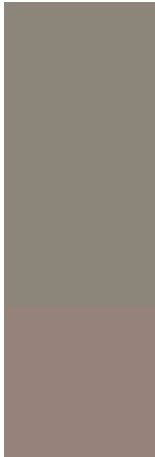


This preview shows how white text looks on a background with the CIELCh color 56, 7.257, 89.548.

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, 7.257, 89.548

Protanopia

56, 7.257, 89.548

Deuteranopia

56, 9.744, 40.710



Tritanopia
56, 7.191, 327.398

Trichromacy



Original Color
56, 7.257, 89.548

Protanomaly
56, 7.257, 89.548

Deuteranomaly
56, 8.028, 54.419

Tritanomaly
56, 3.762, 2.041

Monochromacy



Original Color
56, 7.257, 89.548

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 2.406, 90.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 7.257, 89.548 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(140, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 122)  
}
```

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(140, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 7.257, 89.548 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(140, 134, 122) }
```

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

```
.border{ border-color:rgb(140, 134, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 134, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 7.257, 89.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 122) }
```

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

```
.background{ background-color: rgb(140,  
134, 122) }
```

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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