

Converting Colors

CIELCh(56, 6.252, 87.876)

Have a look what the booklet for
CIELCh(56, 6.252, 87.876) contains.

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Color

CIELCh(56, 6.583, 91.358)

Conversions

Conversions Part 1

Format	Color
Hex	8B867B
RGB	139, 134, 123
RGB Percent	55%, 53%, 48%
CMY	0.4555, 0.4751, 0.5182
CMYK	0.00, 0.04, 0.12, 0.46
HSL	41°, 6%, 51%
HSV	41°, 12%, 54%
XYZ	22.6938, 23.9124, 22.1112
YIQ	134.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

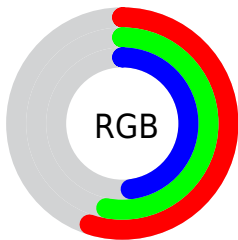
Format	Color
R_{YB}	130, 139, 123
Decimal	9143931
CIE Lab	56.00, -0.16, 6.58
CIE LCh	56, 6.583, 91.358
Yxy	23.9124, 0.3302, 0.3480
Android (android.graphics.Color)	4287334011 (0xFF8B867B)
YUV	134.2410, -5.5418, 4.1736
Hunter-Lab	48.9003, -2.7369, 7.4211

Details

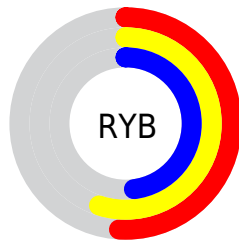
The CIELCh color $56, 6.583, 91.358$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 6.594, 274.253$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 6.815, 89.943$, and $36, 6.577, 89.161$ is the 20% darker color. If you saturate the color by 10%, you get $54, 12.416, 90.149$, and if you desaturate by 10%, it is $58, 0.855, 92.389$.

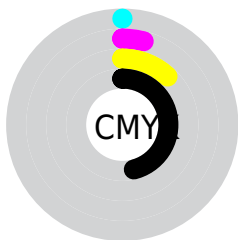
Distribution



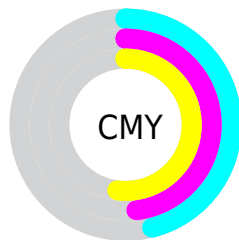
- Red (55%)
- Green (53%)
- Blue (48%)



- Red (51%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (48%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 6.583, 91.358 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, 6.583, 91.358 by changing the saturation by 10% instead.

 56, 6.583, 91.358  56, 6.583, 91.358

 100, 6.583, 91.358  46, 6.583, 91.358

 76, 6.583, 91.358  36, 6.583, 91.358

 86, 6.583, 91.358  26, 6.583, 91.358

 96, 6.583, 91.358  16, 6.583, 91.358

 6, 6.583, 91.358

 0, 6.583, 91.358

 56, 6.583, 91.358  56, 6.583, 91.358

 54, 12.416, 90.149  58, 0.855, 92.389

 53, 18.339, 88.880  59, 4.770, 273.777

52, 24.322, 87.572

61, 10.292,
274.858

50, 30.304, 86.227

62, 15.718,
275.905

49, 36.166, 84.834

47, 41.697, 83.369

64, 21.053,
276.904

46, 46.543, 81.773

66, 26.304,
277.855

45, 50.199, 79.939

44, 52.665, 78.294

67, 31.478,
278.757

69, 36.580,
279.611

71, 41.614,
280.419

Harmonies

Complementary

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



56, 6.583, 91.358



53, 6.594, 274.253

Rectangle

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



56, 6.583, 91.358



56, 6.583, 141.358



56, 6.583, 271.358



56, 6.583, 321.358

Sweetspot

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



56, 6.584, 91.371



73, 2.107, 92.310



53, 7.080, 355.833



39, 1.612, 92.241



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, 6.584, 91.371



71, 9.964, 91.037



57, 9.154, 116.574



28, 3.195, 91.652



42, 50.945, 78.418



1, 1.476, 92.765

Inverse Universe

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



53, 6.594, 274.253



67, 9.975, 274.640



52, 9.379, 298.181



27, 3.202, 273.939



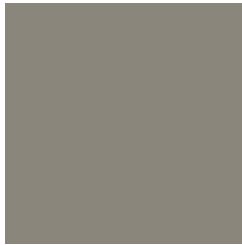
21, 60.427, 296.737



0, 1.476, 272.771

Previews

White Background



This preview shows how the CIELCh color 56, 6.583, 91.358 looks on a white background.

Color Contrast Check

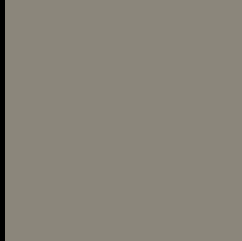
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.583, 91.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

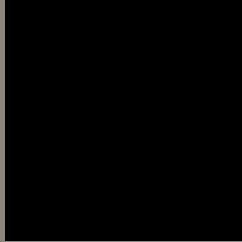
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

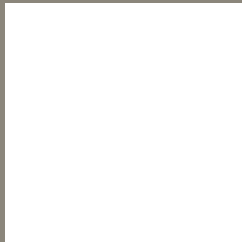
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 6.583, 91.358

Background



This preview shows how black text looks on a background with the CIELCh color 56, 6.583, 91.358.



This preview shows how white text looks on a background with the CIELCh color 56, 6.583, 91.358.

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, 6.583, 91.358

Protanopia

56, 6.583, 91.358

Deuteranopia

56, 9.530, 37.591



Tritanopia
56, 6.964, 324.789

Trichromacy



Original Color
56, 6.583, 91.358

Protanomaly
56, 6.583, 91.358

Deuteranomaly
56, 7.699, 51.050

Tritanomaly
56, 3.383, 359.920

Monochromacy



Original Color
56, 6.583, 91.358

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, 6.583, 91.358 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(139, 134, 123)` looks like.

```
.text, #text, p{  
    color:rgb(139, 134, 123)  
}
```

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(139, 134, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 134, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 6.583, 91.358 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(139, 134, 123) }
```

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

```
.border{ border-color:rgb(139, 134, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 134, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 134, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 134, 123);  
box-shadow:4px 4px 4px 4px rgb(139, 134,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 6.583, 91.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 134, 123) }
```

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

```
.background{ background-color: rgb(139,  
134, 123) }
```

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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