

Converting Colors

CIELCh(56, 7.819, 34.486)

Have a look what the booklet for
CIELCh(56, 7.819, 34.486) contains.

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Color

CIELCh(56, 7.950, 32.517)

Conversions

Conversions Part 1

Format	Color
Hex	95827F
RGB	149, 130, 127
RGB Percent	58%, 51%, 50%
CMY	0.4154, 0.4899, 0.5017
CMYK	0.00, 0.13, 0.15, 0.42
HSL	8°, 9%, 54%
HSV	8°, 15%, 58%
XYZ	24.2329, 23.9124, 23.4391
YIQ	135.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

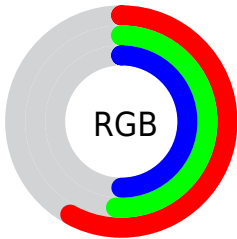
Format	Color
R_{YB}	149, 130, 127
Decimal	9798271
CIE Lab	56.00, 6.70, 4.27
CIE LCh	56, 7.950, 32.517
Yxy	23.9124, 0.3385, 0.3340
Android (android.graphics.Color)	4287988351 (0xFF95827F)
YUV	135.3390, -4.1111, 11.9807
Hunter-Lab	48.9003, 2.8814, 5.8111

Details

The CIELCh color $56, 7.950, 32.517$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.229, 212.472$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 7.784, 31.839$, and $36, 7.863, 33.999$ is the 20% darker color. If you saturate the color by 10%, you get $52, 13.890, 32.843$, and if you desaturate by 10%, it is $60, 2.462, 32.251$.

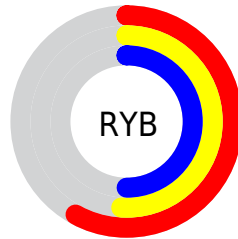
Distribution



Red (58%)

Green (51%)

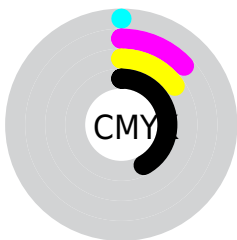
Blue (50%)



Red (58%)

Yellow (51%)

Blue (50%)

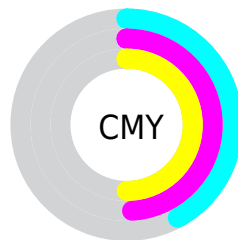


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 7.950, 32.517 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, 7.950, 32.517 by changing the saturation by 10% instead.

■ 56, 7.950, 32.517 ■ 56, 7.950, 32.517

■ 100, 7.950, 32.517 ■ 46, 7.950, 32.517

■ 76, 7.950, 32.517 ■ 36, 7.950, 32.517

■ 86, 7.950, 32.517 ■ 26, 7.950, 32.517

■ 96, 7.950, 32.517 ■ 16, 7.950, 32.517

■ 6, 7.950, 32.517

■ 0, 7.950, 32.517

■ 56, 7.950, 32.517 ■ 56, 7.950, 32.517

■ 52, 13.890, 32.843 ■ 60, 2.462, 32.251

■ 49, 20.307, 33.319 ■ 64, 2.608, 212.551

45, 27.202, 34.014

68, 7.300, 212.467

42, 34.540, 34.980

72, 11.656,
212.527

39, 42.229, 36.257

76, 15.716,
212.643

36, 50.081, 37.833

34, 57.715, 39.559

80, 19.515,
212.792

32, 64.343, 41.002

84, 23.085,
212.965

32, 67.390, 41.839

88, 26.454,
213.154

91, 29.492,
206.890

Harmonies

Complementary

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



56, 7.950, 32.517



59, 7.229, 212.472

Rectangle

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



56, 7.950, 32.517



56, 7.950, 82.517



56, 7.950, 212.517



56, 7.950, 262.517

Sweetspot

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



56, 7.949, 32.530



76, 2.555, 32.214



56, 13.895, 329.142



40, 1.816, 32.252



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 7.949, 32.530



70, 12.184, 32.628



59, 8.519, 86.522



29, 2.955, 32.394



29, 63.114, 41.617



1, 2.498, 32.388

Inverse Universe

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



59, 7.229, 212.472



75, 10.804, 212.501



56, 8.450, 270.372



30, 2.790, 212.475



46, 27.693, 221.081



2, 2.498, 212.407

Previews

White Background



This preview shows how the CIELCh color 56, 7.950, 32.517 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, 7.950, 32.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

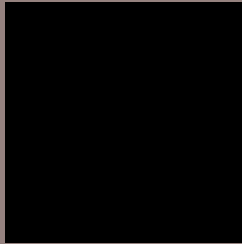
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 7.950, 32.517

Background



This preview shows how black text looks on a background with the CIELCh color 56, 7.950, 32.517.



This preview shows how white text looks on a background with the CIELCh color 56, 7.950, 32.517.

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, 7.950, 32.517

Protanopia

56, 3.257, 80.321

Deuteranopia

56, 8.359, 31.942



Tritanopia
56, 10.779, 348.646

Trichromacy



Original Color
56, 7.950, 32.517

Protanomaly
56, 4.611, 57.733

Deuteranomaly
56, 8.359, 31.942

Tritanomaly
56, 8.894, 1.686

Monochromacy



Original Color
56, 7.950, 32.517

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 2.844, 31.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 7.950, 32.517 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(149, 130, 127)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 127)  
}
```

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(149, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 7.950, 32.517 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(149, 130, 127) }
```

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

```
.border{ border-color:rgb(149, 130, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 127);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 7.950, 32.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 127) }
```

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

```
.background{ background-color: rgb(149,  
130, 127) }
```

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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