

Converting Colors

CIELCh(56, 8.798, 130.559)

Have a look what the booklet for
CIELCh(56, 8.798, 130.559) contains.

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Color

CIELCh(56, 9.158, 129.776)

Conversions

Conversions Part 1

Format	Color
Hex	81897A
RGB	129, 137, 122
RGB Percent	51%, 54%, 48%
CMY	0.4946, 0.4633, 0.5221
CMYK	0.06, 0.00, 0.11, 0.46
HSL	92°, 6%, 51%
HSV	92°, 11%, 54%
XYZ	21.4649, 23.9124, 21.8542
YIQ	132.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

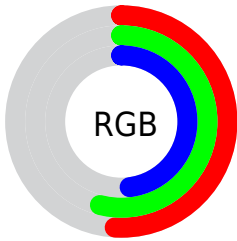
Format	Color
R_YB	122, 137, 130
Decimal	8489338
CIE Lab	56.00, -5.86, 7.04
CIE LCh	56, 9.158, 129.776
Yxy	23.9124, 0.3193, 0.3557
Android (android.graphics.Color)	4286679418 (0xFF81897A)
YUV	132.8980, -5.3727, -3.4185
Hunter-Lab	48.9003, -7.2226, 7.7327

Details

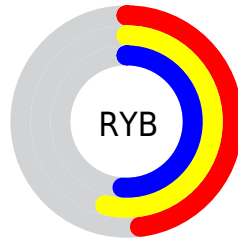
The CIELCh color $56, 9.158, 129.776$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 9.288, 310.680$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 9.120, 128.713$, and $36, 9.195, 128.412$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.536, 129.325$, and if you desaturate by 10%, it is $57, 0.793, 130.312$.

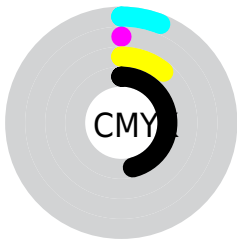
Distribution



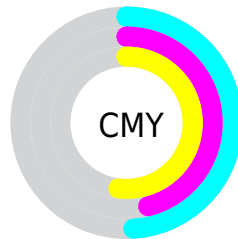
- Red (51%)
- Green (54%)
- Blue (48%)



- Red (48%)
- Yellow (54%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 9.158, 129.776 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, 9.158, 129.776 by changing the saturation by 10% instead.

■ 56, 9.158, 129.776

■ 56, 9.158, 129.776

■ 100, 9.158,
129.776

■ 46, 9.158, 129.776

■ 76, 9.158, 129.776

■ 36, 9.158, 129.776

■ 86, 9.158, 129.776

■ 26, 9.158, 129.776

■ 96, 9.158, 129.776

■ 16, 9.158, 129.776

■ 6, 9.158, 129.776

■ 0, 9.158, 129.776

■ 56, 9.158, 129.776

■ 56, 9.158, 129.776

■ 55, 17.536,
129.325

■ 57, 0.793, 130.312

■ 58, 7.517, 310.563

■ 54, 25.857,
128.856

■ 59, 15.738,
310.921

■ 54, 34.033,
128.390

■ 60, 23.845,
311.240

■ 53, 41.933,
127.960

■ 61, 31.824,
311.523

■ 52, 49.373,
127.620

■ 63, 39.663,
311.776

■ 52, 56.099,
127.451

■ 64, 47.355,
311.999

■ 51, 61.788,
127.561

■ 65, 54.898,
312.197

■ 51, 66.114,
128.066

■ 67, 62.291,
312.371

■ 51, 69.144,
128.708

Harmonies

Complementary

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



56, 9.158, 129.776



52, 9.288, 310.680

Rectangle

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



56, 9.158, 129.776



56, 9.158, 179.776



56, 9.158, 309.776



56, 9.158, 359.776

Sweetspot

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



56, 9.160, 129.779



72, 3.102, 130.142



55, 5.391, 77.572



38, 2.344, 130.103



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, 9.160, 129.779



71, 13.502, 129.675



55, 10.275, 144.726



29, 4.737, 129.859



49, 67.540, 128.659



1, 2.200, 130.228

Inverse Universe

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



52, 9.288, 310.680



66, 13.727, 310.786



53, 10.290, 325.911



27, 4.795, 310.599



20, 76.030, 312.995



0, 2.200, 310.226

Previews

White Background



This preview shows how the CIELCh color 56, 9.158, 129.776 looks on a white background.

Color Contrast Check

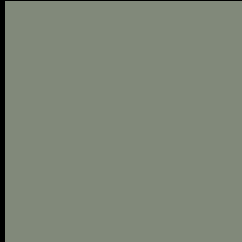
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.158, 129.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

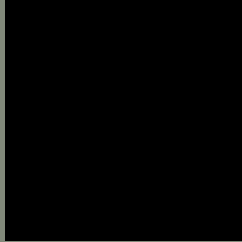
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

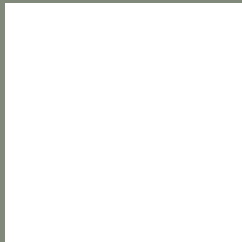
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 9.158, 129.776

Background



This preview shows how black text looks on a background with the CIELCh color 56, 9.158, 129.776.



This preview shows how white text looks on a background with the CIELCh color 56, 9.158, 129.776.

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, 9.158, 129.776

Protanopia

56, 8.343, 91.981

Deuteranopia

56, 9.744, 40.710



Tritanopia
56, 5.764, 283.285

Trichromacy



Original Color
56, 9.158, 129.776

Protanomaly
56, 7.980, 106.277

Deuteranomaly
56, 6.833, 68.224

Tritanomaly
56, 1.650, 219.810

Monochromacy



Original Color
56, 9.158, 129.776

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 3.105, 132.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 9.158, 129.776 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(129, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 137, 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(129, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 137, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 9.158, 129.776 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(129, 137, 122) }
```

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

```
.border{ border-color:rgb(129, 137, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 137,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 9.158, 129.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 137, 122) }
```

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

```
.background{ background-color: rgb(129,  
137, 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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