

Converting Colors

CIELCh(56, 15.036, 119.538)

Have a look what the booklet for
CIELCh(56, 15.036, 119.538)
contains.

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Color

CIELCh(56, 15.056, 119.530)

Conversions

Conversions Part 1

Format	Color
Hex	82896F
RGB	130, 137, 111
RGB Percent	51%, 54%, 44%
CMY	0.4889, 0.4614, 0.5634
CMYK	0.05, 0.00, 0.19, 0.46
HSL	76°, 10%, 49%
HSV	76°, 19%, 54%
XYZ	21.1363, 23.9124, 18.6330
YIQ	131.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

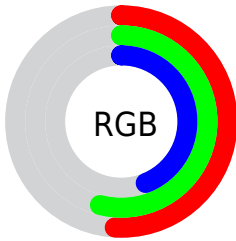
Format	Color
R_{YB}	111, 137, 118
Decimal	8554863
CIE _{Lab}	56.00, -7.42, 13.10
CIE _{LCh}	56, 15.056, 119.530
Yxy	23.9124, 0.3319, 0.3755
Android (android.graphics.Color)	4286744943 (0xFF82896F)
YUV	131.9430, -10.3249, -1.7040
Hunter-Lab	48.9003, -8.4220, 11.6384

Details

The CIELCh color $56, 15.056, 119.530$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 15.618, 301.863$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 14.714, 119.399$, and $36, 14.980, 118.318$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.918, 118.936$, and if you desaturate by 10%, it is $57, 7.117, 120.129$.

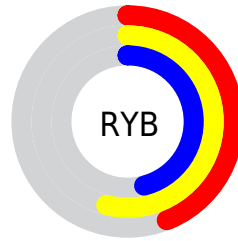
Distribution



Red (51%)

Green (54%)

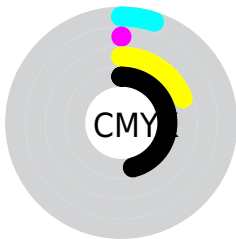
Blue (44%)



Red (44%)

Yellow (54%)

Blue (46%)

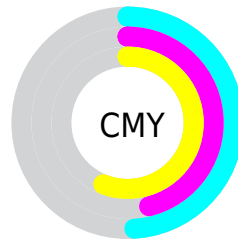


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (46%)



Cyan (49%)


Magenta (46%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 15.056, 119.530 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, 15.056, 119.530 by changing the saturation by 10% instead.


 56, 15.056,
119.530


 56, 15.056,
119.530


 100, 15.056,
119.530


 46, 15.056,
119.530


 76, 15.056,
119.530

 36, 15.056,
119.530

 86, 15.056,
119.530

 26, 15.056,
119.530

 96, 15.056,
119.530

 16, 15.056,
119.530

 6, 15.056, 119.530

 0, 15.056, 119.530

■ 56, 15.056,
119.530

■ 56, 15.056,
119.530

■ 55, 22.918,
118.936

■ 57, 7.117, 120.129

■ 57, 0.850, 300.668

■ 55, 30.621,
118.355

■ 58, 8.808, 301.249

■ 54, 38.055,
117.822

■ 59, 16.729,
301.772

■ 54, 45.052,
117.382

■ 60, 24.594,
302.262

■ 54, 51.372,
117.100

■ 60, 32.388,
302.718

■ 53, 56.704,
117.063

■ 61, 40.100,
303.141

■ 53, 60.711,
117.368

■ 62, 47.721,
303.533

■ 53, 63.521,

117.974

■ 63, 55.247,
303.894

■ 53, 63.817,
118.034

Harmonies

Complementary

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



56, 15.056, 119.530



48, 15.618, 301.863

Rectangle

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



56, 15.056, 119.530



56, 15.056, 169.530



56, 15.056, 299.530



56, 15.056, 349.530

Sweetspot

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



56, 15.057, 119.534



72, 5.914, 120.295



51, 9.010, 46.541



38, 3.908, 120.263



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, 15.057, 119.534



71, 22.615, 119.260



55, 16.970, 136.943



29, 4.501, 120.116



51, 62.199, 117.990



1, 2.096, 120.640

Inverse Universe

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



48, 15.618, 301.863



60, 23.679, 302.205



50, 17.148, 318.593



27, 4.585, 301.191



16, 80.058, 308.186



0, 2.097, 300.640

Previews

White Background



This preview shows how the CIELCh color 56, 15.056, 119.530 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 CIELCh color 56, 15.056, 119.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

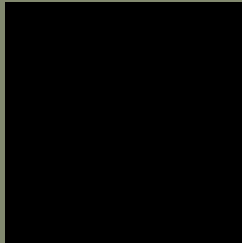
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

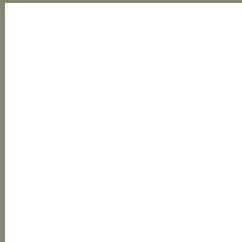
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 15.056, 119.530

Background



This preview shows how black text looks on a background with the CIELCh color 56, 15.056, 119.530.



This preview shows how white text looks on a background with the CIELCh color 56, 15.056, 119.530.

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, 15.056, 119.530

Protanopia

56, 14.068, 94.594

Deuteranopia

56, 14.113, 60.159



Tritanopia
56, 5.795, 298.466

Trichromacy



Original Color
56, 15.056, 119.530

Protanomaly
56, 14.259, 103.371

Deuteranomaly
56, 12.681, 83.100

Tritanomaly
56, 2.420, 128.982

Monochromacy



Original Color
56, 15.056, 119.530

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.847, 121.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 15.056, 119.530 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(130, 137, 111)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 111)  
}
```

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(130, 137, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 15.056, 119.530 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(130, 137, 111) }
```

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

```
.border{ border-color:rgb(130, 137, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 111);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 15.056, 119.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 111) }
```

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

```
.background{ background-color: rgb(130,  
137, 111) }
```

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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