

Converting Colors

CIELCh(56, 16.480, 129.387)

Have a look what the booklet for
CIELCh(56, 16.480, 129.387)
contains.

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Color

CIELCh(56, 16.552, 130.159)

Conversions

Conversions Part 1

Format	Color
Hex	7C8B70
RGB	124, 139, 112
RGB Percent	49%, 55%, 44%
CMY	0.5138, 0.4550, 0.5609
CMYK	0.11, 0.00, 0.19, 0.45
HSL	93°, 11%, 49%
HSV	93°, 19%, 55%
XYZ	20.4625, 23.9124, 18.8605
YIQ	131.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

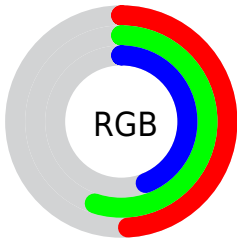
Format	Color
R_{YB}	112, 139, 127
Decimal	8162160
CIE _{Lab}	56.00, -10.67, 12.65
CIE _{LCh}	56, 16.552, 130.159
Yxy	23.9124, 0.3236, 0.3781
Android (android.graphics.Color)	4286352240 (0xFF7C8B70)
YUV	131.4370, -9.5824, -6.5222
Hunter-Lab	48.9003, -10.8816, 11.3625

Details

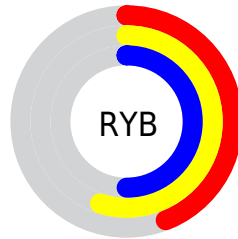
The CIELCh color $56, 16.552, 130.159$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 16.929, 311.815$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 16.086, 129.678$, and $36, 16.599, 129.971$ is the 20% darker color. If you saturate the color by 10%, you get $55, 25.047, 129.693$, and if you desaturate by 10%, it is $57, 8.019, 130.611$.

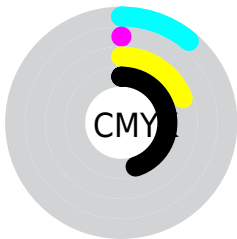
Distribution



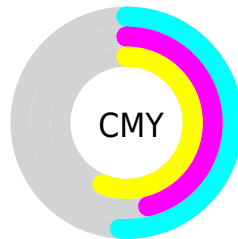
- Red (49%)
- Green (55%)
- Blue (44%)



- Red (44%)
- Yellow (55%)
- Blue (50%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)





- Cyan (51%)
- Magenta (46%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 16.552, 130.159 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, 16.552, 130.159 by changing the saturation by 10% instead.


 56, 16.552,
130.159


 56, 16.552,
130.159


 100, 16.552,
130.159


 46, 16.552,
130.159


 76, 16.552,
130.159

 36, 16.552,
130.159

 86, 16.552,
130.159

 26, 16.552,
130.159

 96, 16.552,
130.159

 16, 16.552,
130.159

 6, 16.552, 130.159

 0, 16.552, 130.159

■ 56, 16.552,
130.159

■ 56, 16.552,
130.159

■ 55, 25.047,
129.693

■ 57, 8.019, 130.611

■ 58, 0.493, 310.798

■ 54, 33.410,
129.221

■ 59, 8.936, 311.374

■ 54, 41.516,
128.776

■ 60, 17.278,
311.719

■ 53, 49.185,
128.408

■ 61, 25.497,
312.025

■ 52, 56.169,
128.194

■ 63, 33.576,
312.296

■ 52, 62.147,
128.238

■ 64, 41.506,
312.536

■ 52, 66.777,
128.660

■ 65, 49.282,
312.747

■ 51, 70.215,

129.362

67, 56.899,
312.933

51, 70.409,
129.395

Harmonies

Complementary

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



56, 16.552, 130.159



49, 16.929, 311.815

Rectangle

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



56, 16.552, 130.159



56, 16.552, 180.159



56, 16.552, 310.159



56, 16.552, 0.159

Sweetspot

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



56, 16.553, 130.161



73, 6.324, 130.758



54, 9.960, 78.215



38, 4.229, 130.733



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, 16.553, 130.161



71, 24.316, 129.972



55, 18.301, 144.602



29, 4.763, 130.624



49, 67.999, 129.323



1, 2.211, 130.988

Inverse Universe

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



49, 16.929, 311.815



61, 24.987, 312.005



51, 18.321, 326.854



27, 4.818, 311.352



21, 75.680, 313.544



0, 2.212, 310.985

Previews

White Background



This preview shows how the CIELCh color 56, 16.552, 130.159 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, 16.552, 130.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

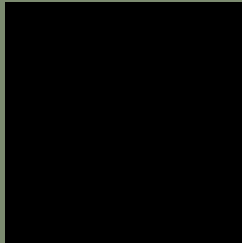
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

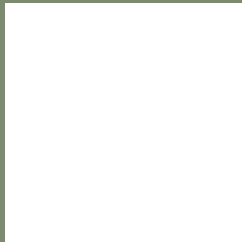
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 16.552, 130.159

Background



This preview shows how black text looks on a background with the CIELCh color 56, 16.552, 130.159.



This preview shows how white text looks on a background with the CIELCh color 56, 16.552, 130.159.

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

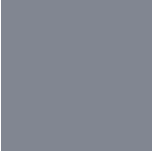
56, 16.552, 130.159

Protanopia

56, 14.621, 95.029

Deuteranopia

56, 13.721, 58.490



Tritanopia
56, 6.541, 274.180

Trichromacy



Original Color
56, 16.552, 130.159

Protanomaly
56, 14.765, 110.019

Deuteranomaly
56, 12.154, 88.537

Tritanomaly
56, 3.929, 173.200

Monochromacy



Original Color
56, 16.552, 130.159

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.225, 132.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 16.552, 130.159 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(124, 139, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 139, 112)  
}
```

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(124, 139, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 139, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 16.552, 130.159 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(124, 139, 112) }
```

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

```
.border{ border-color:rgb(124, 139, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 139, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 139, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 139, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 139,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 16.552, 130.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 139, 112) }
```

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

```
.background{ background-color: rgb(124,  
139, 112) }
```

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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