

Converting Colors

CIELCh(56, 24.837, 125.629)

Have a look what the booklet for
CIELCh(56, 24.837, 125.629)
contains.

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Color

CIELCh(56, 24.352, 125.533)

Conversions

Conversions Part 1

Format	Color
Hex	7A8C63
RGB	122, 140, 99
RGB Percent	48%, 55%, 39%
CMY	0.5204, 0.4498, 0.6106
CMYK	0.13, 0.00, 0.29, 0.45
HSL	86°, 17%, 47%
HSV	86°, 29%, 55%
XYZ	19.7583, 23.9124, 15.4519
YIQ	129.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

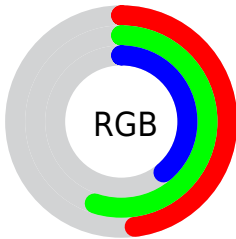
Format	Color
R_{YB}	99, 140, 117
Decimal	8031331
CIE _{Lab}	56.00, -14.15, 19.82
CIE _{LCh}	56, 24.352, 125.533
Yxy	23.9124, 0.3342, 0.4045
Android (android.graphics.Color)	4286221411 (0xFF7A8C63)
YUV	129.9440, -15.2554, -6.9669
Hunter-Lab	48.9003, -13.4523, 15.4953

Details

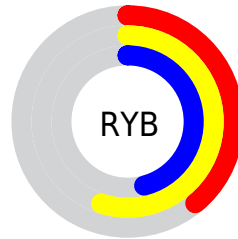
The CIELCh color $56, 24.352, 125.533$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 25.474, 308.402$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 24.612, 125.560$, and $36, 24.313, 125.324$ is the 20% darker color. If you saturate the color by 10%, you get $55, 32.506, 125.056$, and if you desaturate by 10%, it is $57, 16.059, 126.023$.

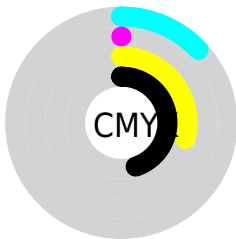
Distribution



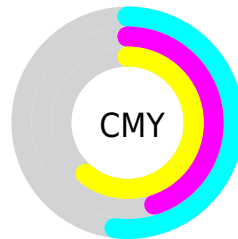
- Red (48%)
- Green (55%)
- Blue (39%)



- Red (39%)
- Yellow (55%)
- Blue (46%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)





- Cyan (52%)
- Magenta (45%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 24.352, 125.533 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, 24.352, 125.533 by changing the saturation by 10% instead.


 56, 24.352,
125.533


 56, 24.352,
125.533


 100, 24.352,
125.533

 46, 24.352,
125.533


 76, 24.352,
125.533

 36, 24.352,
125.533

 86, 24.352,
125.533

 26, 24.352,
125.533

 96, 24.352,
125.533

 16, 24.352,
125.533

 6, 24.352, 125.533

 0, 24.352, 125.533

■ 56, 24.352,
125.533

■ 56, 24.352,
125.533

■ 55, 32.506,
125.056

■ 57, 16.059,
126.023

■ 55, 40.398,
124.619

■ 58, 7.706, 126.502

■ 54, 47.854,
124.274

■ 58, 0.647, 306.827

■ 59, 8.957, 307.357

■ 54, 54.629,
124.097

■ 60, 17.196,
307.750

■ 53, 60.406,
124.189

■ 61, 25.340,
308.107

■ 53, 64.846,
124.666

■ 62, 33.375,
308.432

■ 52, 68.088,
125.461

■ 64, 41.291,
308.725

■ 52, 68.335,

125.515

■ 65, 49.079,
308.990

Harmonies

Complementary

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



56, 24.352, 125.533



45, 25.474, 308.402

Rectangle

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



56, 24.352, 125.533



56, 24.352, 175.533



56, 24.352, 305.533



56, 24.352, 355.533

Sweetspot

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



56, 24.353, 125.535



74, 9.354, 126.504



51, 14.584, 64.735



38, 6.479, 126.442



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, 24.353, 125.535



71, 36.198, 125.220



55, 28.112, 140.874



30, 4.780, 126.504



51, 66.468, 125.457



2, 3.234, 126.910

Inverse Universe

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



45, 25.474, 308.402



55, 38.295, 308.787



47, 28.216, 324.058



28, 4.851, 307.326



19, 78.637, 310.885



0, 3.235, 306.908

Previews

White Background



This preview shows how the CIELCh color 56, 24.352, 125.533 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, 24.352, 125.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

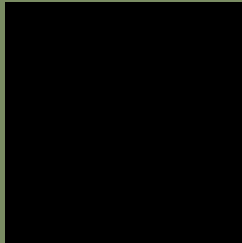
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 24.352, 125.533

Background



This preview shows how black text looks on a background with the CIELCh color 56, 24.352, 125.533.



This preview shows how white text looks on a background with the CIELCh color 56, 24.352, 125.533.

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

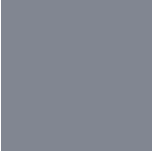
56, 24.352, 125.533

Protanopia

56, 21.980, 96.075

Deuteranopia

56, 20.018, 67.362



Tritanopia
56, 6.541, 274.180

Trichromacy



Original Color
56, 24.352, 125.533

Protanomaly
56, 22.031, 107.500

Deuteranomaly
56, 18.552, 90.321

Tritanomaly
56, 5.828, 147.264

Monochromacy



Original Color
56, 24.352, 125.533

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 9.054, 127.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 24.352, 125.533 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(122, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 99)  
}
```

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(122, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 24.352, 125.533 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(122, 140, 99) }
```

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

```
.border{ border-color:rgb(122, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 24.352, 125.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 99) }
```

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

```
.background{ background-color: rgb(122,  
140, 99) }
```

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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