

Converting Colors

CIELCh(56, 19.665, 357.587)

Have a look what the booklet for
CIELCh(56, 19.665, 357.587)
contains.

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Color

CIELCh(56, 19.725, 358.022)

Conversions

Conversions Part 1

Format	Color
Hex	A77A88
RGB	167, 122, 136
RGB Percent	65%, 48%, 53%
CMY	0.3451, 0.5215, 0.4667
CMYK	0.00, 0.27, 0.19, 0.35
HSL	341°, 20%, 57%
HSV	341°, 27%, 65%
XYZ	27.3401, 23.9124, 26.4673
YIQ	137.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

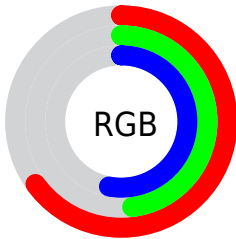
Format	Color
R_{YB}	167, 122, 136
Decimal	10975880
CIE Lab	56.00, 19.71, -0.68
CIE LCh	56, 19.725, 358.022
Yxy	23.9124, 0.3518, 0.3077
Android (android.graphics.Color)	4289165960 (0xFFA77A88)
YUV	137.0510, -0.5181, 26.2653
Hunter-Lab	48.9003, 14.2234, 2.1395

Details

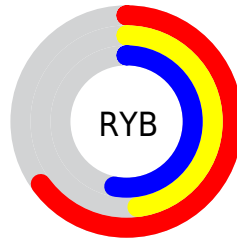
The CIELCh color $56, 19.725, 358.022$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $65, 18.303, 172.624$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 19.618, 358.761$, and $36, 19.490, 358.672$ is the 20% darker color. If you saturate the color by 10%, you get $52, 27.363, 359.430$, and if you desaturate by 10%, it is $61, 12.201, 356.826$.

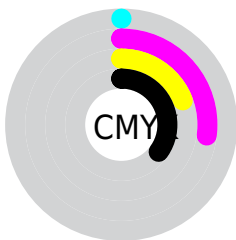
Distribution



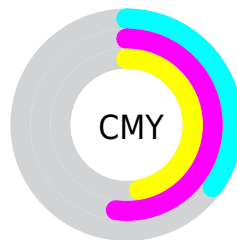
- Red (65%)
- Green (48%)
- Blue (53%)



- Red (65%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (52%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 19.725, 358.022 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, 19.725, 358.022 by changing the saturation by 10% instead.


 56, 19.725,
358.022


 56, 19.725,
358.022


 100, 19.725,
358.022


 46, 19.725,
358.022


 76, 19.725,
358.022

 36, 19.725,
358.022

 86, 19.725,
358.022

 26, 19.725,
358.022

 96, 19.725,
358.022

 16, 19.725,
358.022

 6, 19.725, 358.022

 0, 19.725, 358.022

■ 56, 19.725,
358.022

■ 56, 19.725,
358.022

■ 52, 27.363,
359.430

■ 61, 12.201,
356.826

■ 48, 34.942, 1.118

■ 65, 4.906, 355.751

■ 44, 42.203, 3.190

■ 70, 2.107, 175.135

■ 41, 48.820, 5.782

■ 75, 8.817, 174.188

■ 38, 54.464, 9.056

■ 80, 15.224,
173.452

■ 36, 58.927, 13.167


■ 84, 21.341,
172.796

■ 35, 62.340, 18.121

■ 35, 63.398, 19.635

■ 89, 27.188,
172.202

■ 94, 32.474,
172.006

 94, 29.722,
181.945

Harmonies

Complementary

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



56, 19.725, 358.022



65, 18.303, 172.624

Rectangle

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



56, 19.725, 358.022



56, 19.725, 48.022



56, 19.725, 178.022



56, 19.725, 228.022

Sweetspot

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



56, 19.723, 358.025



82, 7.005, 355.880



56, 28.226, 316.334



43, 5.032, 356.035



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 19.723, 358.025



68, 29.174, 358.787



58, 16.211, 37.495



33, 4.042, 356.001



31, 57.820, 19.010



2, 7.085, 358.233

Inverse Universe

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



56, 19.723, 358.025



68, 29.174, 358.787



63, 13.510, 218.475



33, 4.042, 356.001



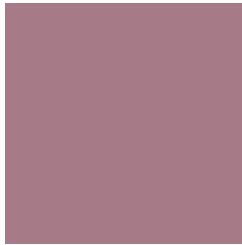
31, 57.820, 19.010



2, 7.085, 358.233

Previews

White Background



This preview shows how the CIELCh color 56, 19.725, 358.022 looks on a white background.

Color Contrast Check

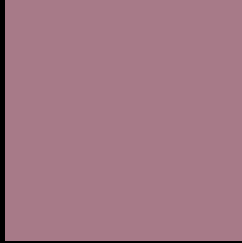
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.725, 358.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

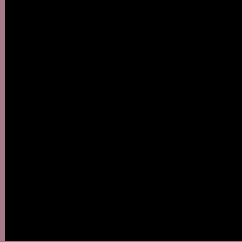
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 19.725, 358.022

Background



This preview shows how black text looks on a background with the CIELCh color 56, 19.725, 358.022.



This preview shows how white text looks on a background with the CIELCh color 56, 19.725, 358.022.

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, 19.725, 358.022

Protanopia
56, 5.154, 290.799

Deuteranopia
56, 7.178, 1.627



Tritanopia
56, 18.593, 5.678

Trichromacy



Original Color
56, 19.725, 358.022

Protanomaly
56, 8.528, 338.241

Deuteranomaly
56, 11.747, 357.905

Tritanomaly
56, 18.706, 3.982

Monochromacy



Original Color
56, 19.725, 358.022

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.977, 356.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 19.725, 358.022 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(167, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(167, 122, 136)  
}
```

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(167, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 122, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 19.725, 358.022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

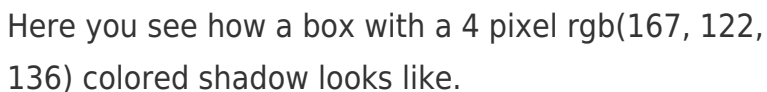
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 122, 136) }
```

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

```
.border{ border-color:rgb(167, 122, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 122, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 122, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 122, 136); box-shadow:4px 4px 4px 4px rgb(167, 122, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 19.725, 358.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 122, 136) }
```

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

```
.background{ background-color: rgb(167,  
122, 136) }
```

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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