

Converting Colors

CIELCh(56, 22.635, 12.044)

Have a look what the booklet for
CIELCh(56, 22.635, 12.044) contains.

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Color

CIELCh(56, 22.635, 12.044)

Conversions

Conversions Part 1

Format	Color
Hex	AE787F
RGB	174, 120, 127
RGB Percent	68%, 47%, 50%
CMY	0.3182, 0.5299, 0.5025
CMYK	0.00, 0.31, 0.27, 0.32
HSL	352°, 25%, 58%
HSV	352°, 31%, 68%
XYZ	27.9467, 23.9124, 23.1764
YIQ	136.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

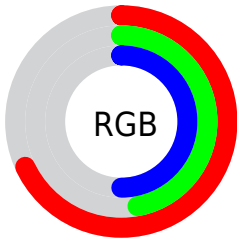
Format	Color
R_{YB}	174, 120, 127
Decimal	11434111
CIE Lab	56.00, 22.14, 4.72
CIE LCh	56, 22.635, 12.044
Yxy	23.9124, 0.3724, 0.3187
Android (android.graphics.Color)	4289624191 (0xFFAE787F)
YUV	136.9440, -4.9024, 32.4981
Hunter-Lab	48.9003, 16.4379, 6.1297

Details

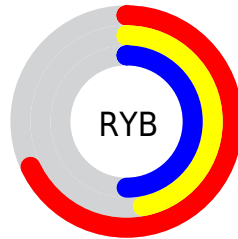
The CIELCh color $56, 22.635, 12.044$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $67, 19.352, 186.215$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 22.700, 11.997$, and $36, 22.433, 12.366$ is the 20% darker color. If you saturate the color by 10%, you get $52, 30.639, 13.647$, and if you desaturate by 10%, it is $61, 14.927, 10.751$.

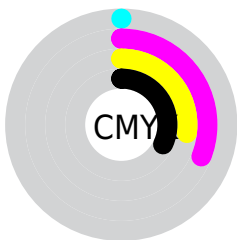
Distribution



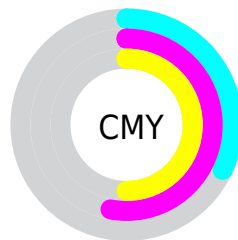
- Red (68%)
- Green (47%)
- Blue (50%)



- Red (68%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (32%)



- Cyan (32%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 22.635, 12.044 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, 22.635, 12.044 by changing the saturation by 10% instead.

■ 56, 22.635, 12.044

■ 56, 22.635, 12.044

■ 100, 22.635,
12.044

■ 46, 22.635, 12.044

■ 76, 22.635, 12.044

■ 36, 22.635, 12.044

■ 86, 22.635, 12.044

■ 26, 22.635, 12.044

■ 96, 22.635, 12.044

■ 16, 22.635, 12.044

■ 6, 22.635, 12.044

■ 0, 22.635, 12.044

■ 56, 22.635, 12.044

■ 56, 22.635, 12.044

■ 52, 30.639, 13.647

■ 61, 14.927, 10.751

■ 47, 38.788, 15.652

■ 66, 7.606, 9.665

44, 46.849, 18.192

71, 0.704, 8.171

41, 54.545, 21.397

76, 5.780, 188.183

38, 61.617, 25.345

81, 11.868,
187.499

37, 67.887, 29.933

86, 17.591,
186.926

36, 72.870, 33.979

91, 22.984,
186.426

95, 26.426,
189.805

95, 25.701,
197.833

Harmonies

Complementary

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



56, 22.635, 12.044



67, 19.352, 186.215

Rectangle

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



56, 22.635, 12.044



56, 22.635, 62.044



56, 22.635, 192.044



56, 22.635, 242.044

Sweetspot

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



56, 22.633, 12.048



85, 7.649, 9.473



57, 35.102, 322.191



44, 5.381, 9.619



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



56, 22.633, 12.048



68, 34.041, 13.064



61, 18.439, 57.114



34, 3.867, 9.488



31, 65.087, 33.367



2, 7.909, 10.682

Inverse Universe

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



56, 22.633, 12.048



68, 34.041, 13.064



62, 15.775, 243.760



34, 3.867, 9.488



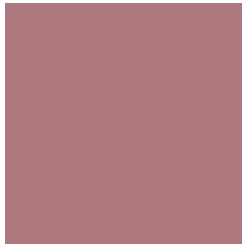
31, 65.087, 33.367



2, 7.909, 10.682

Previews

White Background



This preview shows how the CIELCh color 56, 22.635, 12.044 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, 22.635, 12.044 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, 22.635, 12.044

Background



This preview shows how black text looks on a background with the CIELCh color 56, 22.635, 12.044.



This preview shows how white text looks on a background with the CIELCh color 56, 22.635, 12.044.

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, 22.635, 12.044

Protanopia

56, 1.322, 353.617

Deuteranopia

56, 9.112, 38.346



Tritanopia
56, 22.722, 9.209

Trichromacy



Original Color
56, 22.635, 12.044

Protanomaly
56, 8.638, 8.916

Deuteranomaly
56, 13.625, 20.863

Tritanomaly
56, 22.671, 10.624

Monochromacy



Original Color
56, 22.635, 12.044

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 7.728, 11.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 22.635, 12.044 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(174, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(174, 120, 127)  
}
```

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(174, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 120, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 22.635, 12.044 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(174, 120, 127) }
```

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

```
.border{ border-color:rgb(174, 120, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 120, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 120, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 120, 127); box-shadow:4px 4px 4px 4px rgb(174, 120, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 22.635, 12.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 120, 127) }
```

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

```
.background{ background-color: rgb(174,  
120, 127) }
```

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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