

Converting Colors

CIELCh(56, 29.639, 58.023)

Have a look what the booklet for
CIELCh(56, 29.639, 58.023) contains.

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Color

CIELCh(56, 29.968, 57.812)

Conversions

Conversions Part 1

Format	Color
Hex	AE7B5B
RGB	174, 123, 91
RGB Percent	68%, 48%, 36%
CMY	0.3177, 0.5177, 0.6432
CMYK	0.00, 0.29, 0.48, 0.32
HSL	23°, 34%, 52%
HSV	23°, 48%, 68%
XYZ	26.4189, 23.9124, 13.1166
YIQ	134.6010, 40.6680, 0.8600

Conversions

Conversions Part 2

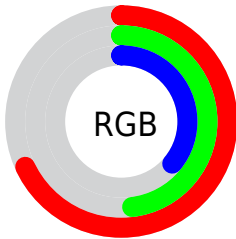
Format	Color
RYB	174, 143, 91
Decimal	11434843
CIELab	56.00, 15.96, 25.36
CIElCh	56, 29.968, 57.812
Yxy	23.9124, 0.4164, 0.3769
Android (android.graphics.Color)	4289624923 (0xFFAE7B5B)
YUV	134.6010, -21.4953, 34.5529
Hunter-Lab	48.9003, 10.8608, 18.3267

Details

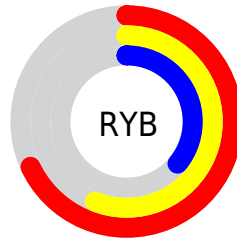
The CIELCh color **56, 29.968, 57.812** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **57, 23.572, 249.780**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 29.638, 58.128**, and **36, 29.742, 57.460** is the 20% darker color. If you saturate the color by 10%, you get **53, 37.418, 57.039**, and if you desaturate by 10%, it is **59, 22.914, 58.642**.

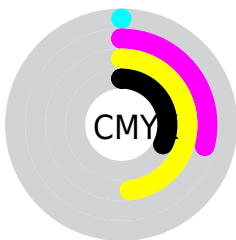
Distribution



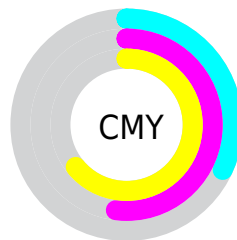
- Red (68%)
- Green (48%)
- Blue (36%)



- Red (68%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (48%)
- Black (32%)



- Cyan (32%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 29.968, 57.812 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, 29.968, 57.812 by changing the saturation by 10% instead.

■ 56, 29.968, 57.812

■ 56, 29.968, 57.812

■ 100, 29.968,
57.812

■ 46, 29.968, 57.812

■ 76, 29.968, 57.812

■ 36, 29.968, 57.812

■ 86, 29.968, 57.812

■ 26, 29.968, 57.812

■ 96, 29.968, 57.812

■ 16, 29.968, 57.812

■ 6, 29.968, 57.812

■ 0, 29.968, 57.812

■ 56, 29.968, 57.812

■ 56, 29.968, 57.812

■ 53, 37.418, 57.039

■ 59, 22.914, 58.642

■ 50, 45.165, 56.279

■ 62, 16.286, 59.515

48, 52.950, 55.448

65, 10.072, 60.419

45, 60.221, 54.327

69, 4.244, 61.311

43, 66.219, 52.656

72, 1.234, 242.701

43, 67.624, 52.374

75, 6.397, 243.397

79, 11.284,
244.324

82, 15.926,
245.253

85, 20.353,
246.165

Harmonies

Complementary

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



56, 29.968, 57.812



57, 23.572, 249.780

Rectangle

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



56, 29.968, 57.812



56, 29.968, 107.812



56, 29.968, 237.812



56, 29.968, 287.812

Sweetspot

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



56, 29.967, 57.817



85, 9.777, 60.734



50, 42.447, 342.003



44, 6.851, 60.541



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, 29.967, 57.817



68, 45.923, 57.016



67, 39.648, 99.866



35, 3.126, 61.176



37, 60.531, 52.830



3, 6.389, 53.352

Inverse Universe

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



57, 23.572, 249.780



69, 34.004, 252.598



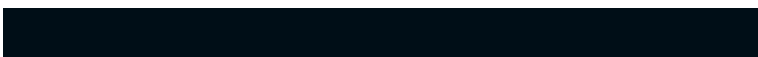
45, 43.668, 292.231



35, 3.009, 243.206



38, 38.151, 269.414



3, 6.754, 253.381

Previews

White Background



This preview shows how the CIELCh color 56, 29.968, 57.812 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, 29.968, 57.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

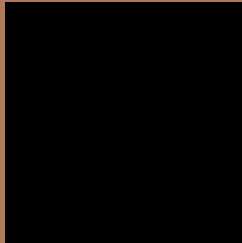
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.968, 57.812

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.968, 57.812.



This preview shows how white text looks on a background with the CIELCh color 56, 29.968, 57.812.

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, 29.968, 57.812

Protanopia

56, 22.076, 94.956

Deuteranopia

56, 26.699, 74.897



Tritanopia
56, 24.840, 10.634

Trichromacy



Original Color
56, 29.968, 57.812

Protanomaly
56, 23.687, 78.483

Deuteranomaly
56, 27.833, 68.462

Tritanomaly
56, 24.395, 29.946

Monochromacy



Original Color
56, 29.968, 57.812

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.191, 61.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.968, 57.812 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, 123, 91)` looks like.

```
.text, #text, p{  
    color:rgb(174, 123, 91)  
}
```

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, 123, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 123, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.968, 57.812 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, 123, 91) }
```

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

```
.border{ border-color:rgb(174, 123, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 123, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 123, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 123, 91);  
box-shadow:4px 4px 4px 4px rgb(174, 123,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.968, 57.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 123, 91) }
```

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

```
.background{ background-color: rgb(174,  
123, 91) }
```

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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