

Converting Colors

CIELCh(56, 17.381, 36.117)

Have a look what the booklet for
CIELCh(56, 17.381, 36.117) contains.

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Color

CIELCh(56, 17.255, 36.232)

Conversions

Conversions Part 1

Format	Color
Hex	A47D75
RGB	164, 125, 117
RGB Percent	64%, 49%, 46%
CMY	0.3561, 0.5091, 0.5405
CMYK	0.00, 0.24, 0.29, 0.36
HSL	10°, 21%, 55%
HSV	10°, 29%, 64%
XYZ	25.9252, 23.9124, 20.1322
YIQ	135.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

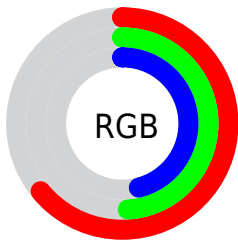
Format	Color
RYB	164, 127, 117
Decimal	10780021
CIELab	56.00, 13.92, 10.20
CIELCh	56, 17.255, 36.232
Yxy	23.9124, 0.3705, 0.3418
Android (android.graphics.Color)	4288970101 (0xFFA47D75)
YUV	135.7490, -9.2433, 24.7761
Hunter-Lab	48.9003, 9.0586, 9.8207

Details

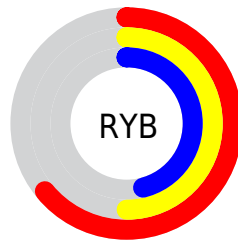
The CIELCh color $56, 17.255, 36.232$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 14.179, 216.896$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 17.293, 36.748$, and $36, 17.129, 36.169$ is the 20% darker color. If you saturate the color by 10%, you get $52, 24.253, 36.600$, and if you desaturate by 10%, it is $60, 10.775, 36.044$.

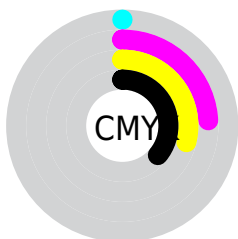
Distribution



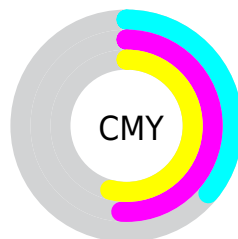
- Red (64%)
- Green (49%)
- Blue (46%)



- Red (64%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 17.255, 36.232 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, 17.255, 36.232 by changing the saturation by 10% instead.

■ 56, 17.255, 36.232

■ 56, 17.255, 36.232

■ 100, 17.255,
36.232

■ 46, 17.255, 36.232

■ 76, 17.255, 36.232

■ 36, 17.255, 36.232

■ 86, 17.255, 36.232

■ 26, 17.255, 36.232

■ 96, 17.255, 36.232

■ 16, 17.255, 36.232

■ 6, 17.255, 36.232

■ 0, 17.255, 36.232

■ 56, 17.255, 36.232

■ 56, 17.255, 36.232

■ 52, 24.253, 36.600

■ 60, 10.775, 36.044

■ 49, 31.771, 37.174

■ 64, 4.792, 35.947

45, 39.758, 38.002

68, 0.731, 216.756

42, 48.094, 39.097

72, 5.838, 216.326

40, 56.512, 40.394

76, 10.576,
216.484

37, 64.432, 41.634

80, 14.987,
216.705

36, 71.083, 42.590

35, 71.986, 42.815

85, 19.110,
216.961

89, 22.981,
217.239

93, 26.150,
206.090

Harmonies

Complementary

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



56, 17.255, 36.232



62, 14.179, 216.896

Rectangle

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



56, 17.255, 36.232



56, 17.255, 86.232



56, 17.255, 216.232



56, 17.255, 266.232

Sweetspot

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



56, 17.254, 36.239



81, 6.217, 35.952



55, 28.555, 331.128



42, 4.337, 35.965



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



56, 17.254, 36.239



69, 26.074, 36.432



62, 18.719, 87.514



32, 3.133, 35.953



31, 65.285, 42.733



2, 4.765, 34.309

Inverse Universe

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



62, 14.179, 216.896



78, 20.428, 217.225



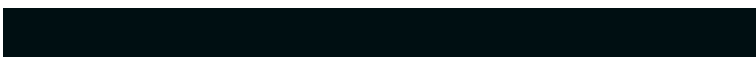
55, 18.602, 275.406



34, 2.957, 216.315



46, 28.643, 228.372



3, 4.598, 221.102

Previews

White Background



This preview shows how the CIELCh color 56, 17.255, 36.232 looks on a white background.

Color Contrast Check

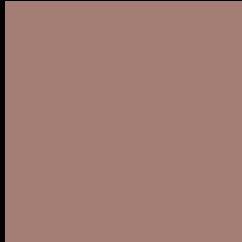
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.255, 36.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

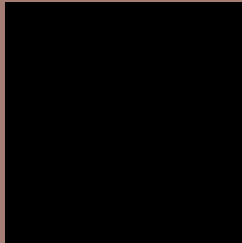
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 17.255, 36.232

Background



This preview shows how black text looks on a background with the CIELCh color 56, 17.255, 36.232.



This preview shows how white text looks on a background with the CIELCh color 56, 17.255, 36.232.

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, 17.255, 36.232

Protanopia

56, 7.257, 89.548

Deuteranopia

56, 12.978, 54.844



Tritanopia
56, 18.195, 5.261

Trichromacy



Original Color
56, 17.255, 36.232

Protanomaly
56, 9.797, 59.552

Deuteranomaly
56, 14.532, 48.373

Tritanomaly
56, 17.001, 15.588

Monochromacy



Original Color
56, 17.255, 36.232

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 5.918, 36.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 17.255, 36.232 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(164, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(164, 125, 117)  
}
```

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(164, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 125, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 17.255, 36.232 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(164, 125, 117) }
```

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

```
.border{ border-color:rgb(164, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(164, 125,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 17.255, 36.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 125, 117) }
```

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

```
.background{ background-color: rgb(164,  
125, 117) }
```

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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