

Converting Colors

CIELCh(56, 37.916, 48.430)

Have a look what the booklet for
CIELCh(56, 37.916, 48.430) contains.

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Color

CIELCh(56, 37.991, 48.426)

Conversions

Conversions Part 1

Format	Color
Hex	BC7456
RGB	188, 116, 86
RGB Percent	74%, 45%, 34%
CMY	0.2621, 0.5445, 0.6622
CMYK	0.00, 0.38, 0.54, 0.26
HSL	18°, 43%, 54%
HSV	18°, 54%, 74%
XYZ	28.7290, 23.9124, 11.9354
YIQ	134.1080, 52.5420, 5.9340

Conversions

Conversions Part 2

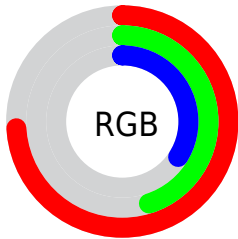
Format	Color
R _Y B	188, 129, 86
Decimal	12350550
CIE Lab	56.00, 25.21, 28.42
CIE LCh	56, 37.991, 48.426
Yxy	23.9124, 0.4449, 0.3703
Android (android.graphics.Color)	4290540630 (0xFFBC7456)
YUV	134.1080, -23.7172, 47.2633
Hunter-Lab	48.9003, 19.2933, 19.7590

Details

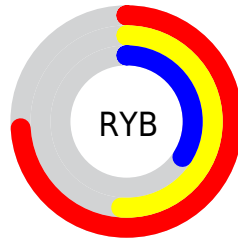
The CIELCh color $56, 37.991, 48.426$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $62, 26.419, 238.024$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 37.983, 48.914$, and $36, 37.865, 48.541$ is the 20% darker color. If you saturate the color by 10%, you get $53, 46.615, 48.341$, and if you desaturate by 10%, it is $59, 29.828, 48.639$.

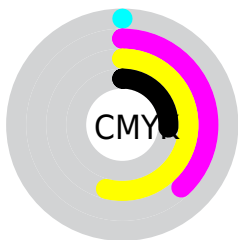
Distribution



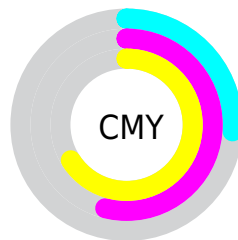
- Red (74%)
- Green (45%)
- Blue (34%)



- Red (74%)
- Yellow (51%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (54%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 37.991, 48.426 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, 37.991, 48.426 by changing the saturation by 10% instead.

■ 56, 37.991, 48.426

■ 56, 37.991, 48.426

■ 100, 37.991,
48.426

■ 46, 37.991, 48.426

■ 76, 37.991, 48.426

■ 36, 37.991, 48.426

■ 86, 37.991, 48.426

■ 26, 37.991, 48.426

■ 96, 37.991, 48.426

■ 16, 37.991, 48.426

■ 6, 37.991, 48.426

■ 0, 37.991, 48.426

■ 56, 37.991, 48.426

■ 56, 37.991, 48.426

■ 53, 46.615, 48.341

■ 59, 29.828, 48.639

■ 50, 55.507, 48.316

■ 63, 22.201, 48.971

47, 64.197, 48.183

67, 15.113, 49.407

45, 71.698, 47.525

71, 8.539, 49.915

43, 75.508, 47.107

75, 2.440, 50.371

79, 3.233, 231.364

83, 8.525, 231.943

87, 13.482,
232.611

91, 18.023,
232.563

Harmonies

Complementary

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



56, 37.991, 48.426



62, 26.419, 238.024

Rectangle

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



56, 37.991, 48.426



56, 37.991, 98.426



56, 37.991, 228.426



56, 37.991, 278.426

Sweetspot

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



56, 37.990, 48.430



89, 11.990, 49.808



52, 54.026, 337.770



46, 8.155, 49.701



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



56, 37.990, 48.430



67, 58.775, 48.334



69, 43.888, 92.832



38, 3.349, 50.168



37, 66.058, 47.546



4, 10.363, 39.904

Inverse Universe

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



62, 26.419, 238.024



75, 37.125, 241.182



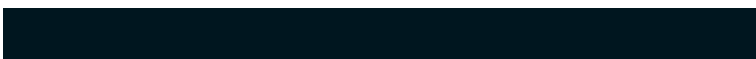
47, 47.210, 288.797



38, 3.185, 231.597



44, 33.769, 254.361



6, 9.644, 244.437

Previews

White Background



This preview shows how the CIELCh color 56, 37.991, 48.426 looks on a white background.

Color Contrast Check

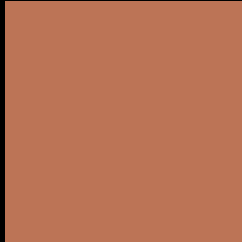
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.991, 48.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

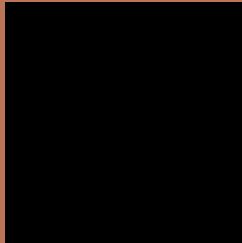
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 37.991, 48.426

Background



This preview shows how black text looks on a background with the CIELCh color 56, 37.991, 48.426.



This preview shows how white text looks on a background with the CIELCh color 56, 37.991, 48.426.

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, 37.991, 48.426

Protanopia

56, 23.594, 96.638

Deuteranopia

56, 30.155, 76.235



Tritanopia
56, 33.416, 15.909

Trichromacy



Original Color
56, 37.991, 48.426

Protanomaly
56, 26.040, 72.953

Deuteranomaly
56, 31.798, 63.969

Tritanomaly
56, 33.448, 28.918

Monochromacy



Original Color
56, 37.991, 48.426

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 12.694, 49.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 37.991, 48.426 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(188, 116, 86)` looks like.

```
.text, #text, p{  
    color:rgb(188, 116, 86)  
}
```

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(188, 116, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 116, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 37.991, 48.426 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(188, 116, 86) }
```

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

```
.border{ border-color:rgb(188, 116, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 116, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 116, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 116, 86);  
box-shadow:4px 4px 4px 4px rgb(188, 116,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 37.991, 48.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 116, 86) }
```

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

```
.background{ background-color: rgb(188,  
116, 86) }
```

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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