

Converting Colors

CIELCh(56, 32.537, 38.619)

Have a look what the booklet for
CIELCh(56, 32.537, 38.619) contains.

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Color

CIELCh(56, 32.849, 38.414)

Conversions

Conversions Part 1

Format	Color
Hex	BA7464
RGB	186, 116, 100
RGB Percent	73%, 45%, 39%
CMY	0.2699, 0.5444, 0.6072
CMYK	0.00, 0.38, 0.46, 0.27
HSL	11°, 38%, 56%
HSV	11°, 46%, 73%
XYZ	28.8649, 23.9124, 15.1898
YIQ	135.1060, 46.8560, 9.8640

Conversions

Conversions Part 2

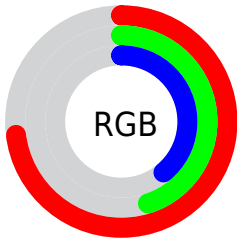
Format	Color
RYB	186, 120, 100
Decimal	12219492
CIELab	56.00, 25.74, 20.41
CIELCh	56, 32.849, 38.414
Yxy	23.9124, 0.4247, 0.3518
Android (android.graphics.Color)	4290409572 (0xFFBA7464)
YUV	135.1060, -17.3073, 44.6340
Hunter-Lab	48.9003, 19.7893, 15.8131

Details

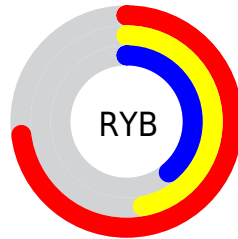
The CIELCh color **56, 32.849, 38.414** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66, 23.296, 220.382**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 32.600, 38.780**, and **36, 32.880, 38.839** is the 20% darker color. If you saturate the color by 10%, you get **52, 41.530, 39.075**, and if you desaturate by 10%, it is **60, 24.712, 37.996**.

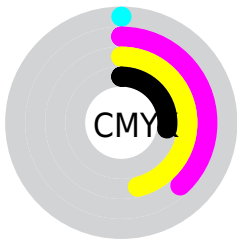
Distribution



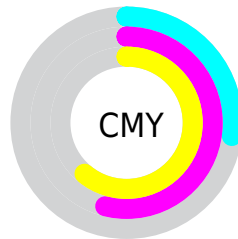
- Red (73%)
- Green (45%)
- Blue (39%)



- Red (73%)
- Yellow (47%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (27%)



- Cyan (27%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 32.849, 38.414 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, 32.849, 38.414 by changing the saturation by 10% instead.

■ 56, 32.849, 38.414

■ 56, 32.849, 38.414

■ 100, 32.849,
38.414

■ 46, 32.849, 38.414

■ 76, 32.849, 38.414

■ 36, 32.849, 38.414

■ 86, 32.849, 38.414

■ 26, 32.849, 38.414

■ 96, 32.849, 38.414

■ 16, 32.849, 38.414

■ 6, 32.849, 38.414

■ 0, 32.849, 38.414

■ 56, 32.849, 38.414

■ 56, 32.849, 38.414

■ 52, 41.530, 39.075

■ 60, 24.712, 37.996

■ 49, 50.648, 39.981

■ 64, 17.160, 37.767

46, 59.949, 41.089

68, 10.181, 37.685

43, 68.867, 42.181

73, 3.742, 37.659

41, 76.238, 42.731

77, 2.202, 218.186

41, 78.805, 43.077

82, 7.702, 218.239

86, 12.807,
218.483

91, 17.566,
218.776

95, 21.414,
201.510

Harmonies

Complementary

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



56, 32.849, 38.414



66, 23.296, 220.382

Rectangle

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



56, 32.849, 38.414



56, 32.849, 88.414



56, 32.849, 218.414



56, 32.849, 268.414

Sweetspot

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



56, 32.847, 38.418



88, 10.804, 37.681



55, 49.642, 332.915



46, 7.587, 37.686



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, 32.847, 38.418



67, 50.275, 39.051



67, 34.371, 86.449



38, 3.500, 37.676



34, 69.461, 43.294



4, 10.886, 31.581

Inverse Universe

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



66, 23.296, 220.382



82, 32.613, 221.581



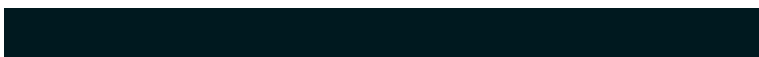
54, 34.513, 280.453



39, 3.302, 218.177



50, 30.547, 232.054



7, 9.542, 226.170

Previews

White Background



This preview shows how the CIELCh color 56, 32.849, 38.414 looks on a white background.

Color Contrast Check

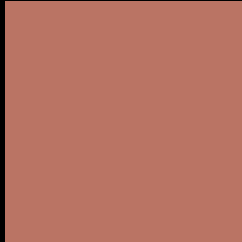
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.849, 38.414 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, 32.849, 38.414

Background



This preview shows how black text looks on a background with the CIELCh color 56, 32.849, 38.414.



This preview shows how white text looks on a background with the CIELCh color 56, 32.849, 38.414.

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, 32.849, 38.414

Protanopia

56, 15.277, 93.861

Deuteranopia

56, 22.583, 70.684



Tritanopia
56, 31.675, 14.215

Trichromacy



Original Color
56, 32.849, 38.414

Protanomaly
56, 19.015, 63.398

Deuteranomaly
56, 25.308, 54.760

Tritanomaly
56, 31.306, 23.108

Monochromacy



Original Color
56, 32.849, 38.414

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.373, 37.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 32.849, 38.414 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(186, 116, 100)` looks like.

```
.text, #text, p{  
    color:rgb(186, 116, 100)  
}
```

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(186, 116, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 116, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 32.849, 38.414 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(186, 116, 100) }
```

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

```
.border{ border-color:rgb(186, 116, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 116, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 116, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 116, 100);  
box-shadow:4px 4px 4px 4px rgb(186, 116,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 32.849, 38.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 116, 100) }
```

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

```
.background{ background-color: rgb(186,  
116, 100) }
```

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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