

Converting Colors

CIELCh(58, 46.213, 67.652)

Have a look what the booklet for
CIELCh(58, 46.213, 67.652) contains.

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Color

CIELCh(58, 46.046, 67.524)

Conversions

Conversions Part 1

Format	Color
Hex	BB7E40
RGB	187, 126, 64
RGB Percent	73%, 49%, 25%
CMY	0.2655, 0.5049, 0.7481
CMYK	0.00, 0.33, 0.66, 0.27
HSL	30°, 49%, 49%
HSV	30°, 66%, 73%
XYZ	28.9901, 25.9610, 8.3696
YIQ	137.1710, 56.2580, -6.3500

Conversions

Conversions Part 2

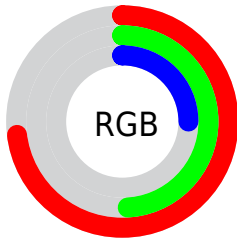
Format	Color
RYB	185, 187, 64
Decimal	12287552
CIELab	58.00, 17.60, 42.55
CIELCh	58, 46.046, 67.524
Yxy	25.9610, 0.4578, 0.4100
Android (android.graphics.Color)	4290477632 (0xFFBB7E40)
YUV	137.1710, -36.0733, 43.7000
Hunter-Lab	50.9519, 12.3952, 25.9270

Details

The CIELCh color **58, 46.046, 67.524** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **51, 38.403, 270.209**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 45.920, 67.877**, and **38, 46.293, 67.561** is the 20% darker color. If you saturate the color by 10%, you get **56, 53.542, 66.059**, and if you desaturate by 10%, it is **61, 38.382, 68.866**.

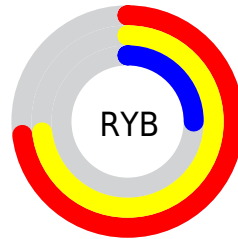
Distribution



Red (73%)

Green (49%)

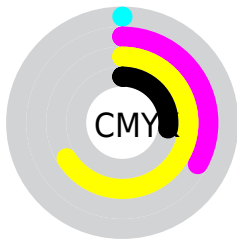
Blue (25%)



Red (73%)

Yellow (73%)

Blue (25%)

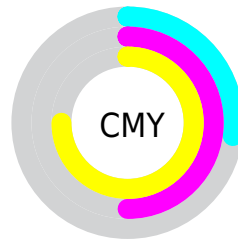


Cyan (0%)

Magenta (33%)

Yellow (66%)

Black (27%)



Cyan (27%)

Magenta (50%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 46.046, 67.524 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 58, 46.046, 67.524 by changing the saturation by 10% instead.

■ 58, 46.046, 67.524

■ 58, 46.046, 67.524

■ 100, 46.046,
67.524

■ 48, 46.046, 67.524

■ 78, 46.046, 67.524

■ 38, 46.046, 67.524

■ 88, 46.046, 67.524

■ 28, 46.046, 67.524

■ 98, 46.046, 67.524

■ 18, 46.046, 67.524

■ 8, 46.046, 67.524

■ 0, 46.046, 67.524

■ 58, 46.046, 67.524

■ 58, 46.046, 67.524

■ 56, 53.542, 66.059

■ 61, 38.382, 68.866

■ 53, 60.311, 64.289

■ 63, 30.840, 70.154

51, 65.490, 61.918

66, 23.551, 71.421

50, 67.499, 60.884

69, 16.564, 72.674

71, 9.887, 73.906

74, 3.506, 75.067

77, 2.603, 256.499

80, 8.465, 257.572

83, 14.106,
258.683

Harmonies

Complementary

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



58, 46.046, 67.524



51, 38.403, 270.209

Rectangle

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



58, 46.046, 67.524



58, 46.046, 117.524



58, 46.046, 247.524



58, 46.046, 297.524

Sweetspot

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



58, 46.045, 67.528



88, 15.692, 73.340



47, 55.551, 351.676



47, 10.863, 72.991



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 46.045, 67.528



70, 68.866, 65.303



74, 61.597, 104.250



38, 3.539, 74.661



43, 59.400, 61.408



6, 10.080, 60.074

Inverse Universe

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



51, 38.403, 270.209



60, 56.394, 275.862



35, 75.376, 300.766



38, 3.466, 257.120



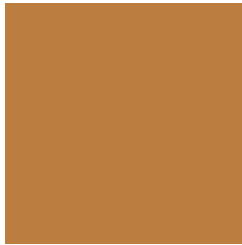
34, 50.331, 283.881



4, 11.599, 268.761

Previews

White Background



This preview shows how the CIELCh color 58, 46.046, 67.524 looks on a white background.

Color Contrast Check

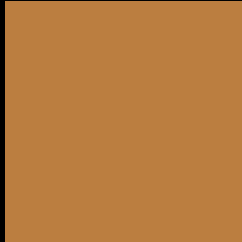
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 46.046, 67.524 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 58, 46.046, 67.524

Background



This preview shows how black text looks on a background with the CIELCh color 58, 46.046, 67.524.



This preview shows how white text looks on a background with the CIELCh color 58, 46.046, 67.524.

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

58, 46.046, 67.524

Protanopia

58, 39.650, 95.585

Deuteranopia

58, 43.442, 80.034



Tritanopia
58, 30.580, 13.652

Trichromacy



Original Color
58, 46.046, 67.524

Protanomaly
58, 40.747, 84.305

Deuteranomaly
58, 44.323, 75.848

Tritanomaly
58, 31.881, 39.594

Monochromacy



Original Color
58, 46.046, 67.524

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 15.734, 71.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 46.046, 67.524 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(187, 126, 64)` looks like.

```
.text, #text, p{  
    color:rgb(187, 126, 64)  
}
```

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(187, 126, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 126, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 46.046, 67.524 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(187, 126, 64) }
```

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

```
.border{ border-color:rgb(187, 126, 64) }
```

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

Here you see how a box with a 4 pixel rgb(187, 126, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 126, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 126, 64);  
box-shadow:4px 4px 4px 4px rgb(187, 126,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 46.046, 67.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 126, 64) }
```

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

```
.background{ background-color: rgb(187,  
126, 64) }
```

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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