

Converting Colors

CIELCh(47, 46.380, 6.763)

Have a look what the booklet for
CIELCh(47, 46.380, 6.763) contains.

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Color

CIELCh(47, 46.380, 6.763)

Conversions

Conversions Part 1

Format	Color
Hex	B64B68
RGB	182, 75, 104
RGB Percent	71%, 29%, 41%
CMY	0.2856, 0.7053, 0.5916
CMYK	0.00, 0.59, 0.43, 0.29
HSL	344°, 42%, 50%
HSV	344°, 59%, 71%
XYZ	24.3617, 16.0195, 14.9413
YIQ	110.2990, 54.4630, 31.7030

Conversions

Conversions Part 2

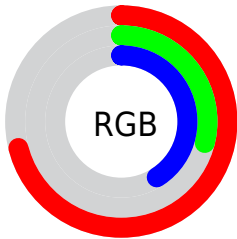
Format	Color
RYB	182, 75, 104
Decimal	11946856
CIELab	47.00, 46.06, 5.46
CIElCh	47, 46.380, 6.763
Yxy	16.0195, 0.4404, 0.2896
Android (android.graphics.Color)	4290136936 (0xFFB64B68)
YUV	110.2990, -3.1054, 62.8818
Hunter-Lab	40.0243, 38.6053, 5.8837

Details

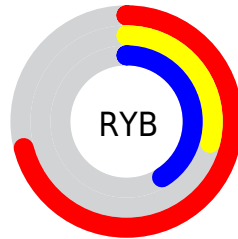
The CIELCh color **47, 46.380, 6.763** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **68, 38.206, 171.557**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 46.355, 6.667**, and **27, 46.401, 7.060** is the 20% darker color. If you saturate the color by 10%, you get **44, 53.478, 9.638**, and if you desaturate by 10%, it is **51, 38.597, 4.485**.

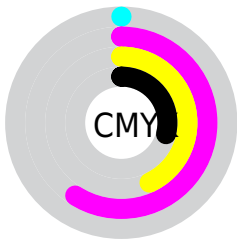
Distribution



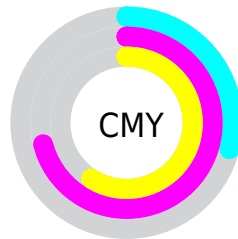
- Red (71%)
- Green (29%)
- Blue (41%)



- Red (71%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (59%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 46.380, 6.763 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 47, 46.380, 6.763 by changing the saturation by 10% instead.

 47, 46.380, 6.763  47, 46.380, 6.763

 100, 46.380, 6.763  37, 46.380, 6.763

 67, 46.380, 6.763  27, 46.380, 6.763

 77, 46.380, 6.763  17, 46.380, 6.763

 87, 46.380, 6.763  7, 46.380, 6.763

 97, 46.380, 6.763  0, 46.380, 6.763

 47, 46.380, 6.763  47, 46.380, 6.763

 44, 53.478, 9.638  51, 38.597, 4.485

 41, 59.576, 13.267  55, 30.480, 2.650

 39, 64.517, 17.774  60, 22.311, 1.142

■ 38, 68.583, 22.994

■ 65, 14.286,
359.874

■ 38, 69.115, 23.630

■ 70, 6.525, 358.764

■ 75, 0.911, 178.404

■ 80, 8.001, 177.144

■ 85, 14.747,
176.391

■ 90, 21.167,
175.728

Harmonies

Complementary

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



47, 46.380, 6.763



68, 38.206, 171.557

Rectangle

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



47, 46.380, 6.763



47, 46.380, 56.763



47, 46.380, 186.763



47, 46.380, 236.763

Sweetspot

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



47, 46.377, 6.765



83, 16.985, 359.822



46, 65.855, 318.574



43, 11.966, 0.169



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



47, 46.377, 6.765



56, 67.101, 10.446



51, 42.274, 41.710



36, 4.261, 358.829



32, 61.217, 22.861



2, 11.110, 3.398

Inverse Universe

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



47, 46.377, 6.765



56, 67.101, 10.446



61, 27.002, 226.773



36, 4.261, 358.829



32, 61.217, 22.861



2, 11.110, 3.398

Previews

White Background



This preview shows how the CIELCh color 47, 46.380, 6.763 looks on a white background.

Color Contrast Check

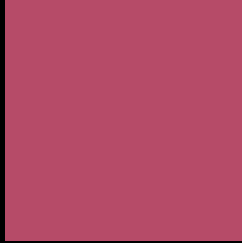
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 46.380, 6.763 looks on a black 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

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

CIELCh 47, 46.380, 6.763

Background



This preview shows how black text looks on a background with the CIELCh color 47, 46.380, 6.763.

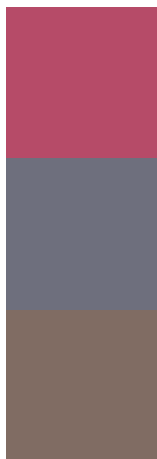


This preview shows how white text looks on a background with the CIELCh color 47, 46.380, 6.763.

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

47, 46.380, 6.763

Protanopia

47, 8.290, 288.634

Deuteranopia

47, 10.194, 51.365



Tritanopia
47, 45.447, 22.949

Trichromacy



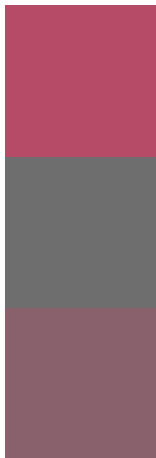
Original Color
47, 46.380, 6.763

Protanomaly
46, 19.102, 346.115

Deuteranomaly
46, 22.658, 15.152

Tritanomaly
47, 45.022, 17.366

Monochromacy



Original Color
47, 46.380, 6.763

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 17.583, 0.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 46.380, 6.763 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(182, 75, 104)` looks like.

```
.text, #text, p{  
    color:rgb(182, 75, 104)  
}
```

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(182, 75, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 75, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 46.380, 6.763 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(182, 75, 104) }
```

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

```
.border{ border-color:rgb(182, 75, 104) }
```

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

Here you see how a box with a 4 pixel rgb(182, 75, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 75, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 75, 104);  
box-shadow:4px 4px 4px 4px rgb(182, 75,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 46.380, 6.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 75, 104) }
```

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

```
.background{ background-color: rgb(182, 75,  
104) }
```

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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