

Converting Colors

CIELCh(46, 58.321, 41.058)

Have a look what the booklet for
CIELCh(46, 58.321, 41.058) contains.

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Color

CIELCh(46, 58.078, 41.040)

Conversions

Conversions Part 1

Format	Color
Hex	B9492F
RGB	185, 73, 47
RGB Percent	73%, 29%, 18%
CMY	0.2748, 0.7139, 0.8159
CMYK	0.00, 0.61, 0.75, 0.27
HSL	11°, 60%, 45%
HSV	11°, 75%, 73%
XYZ	22.8826, 15.2687, 4.4253
YIQ	103.5240, 75.0980, 15.6580

Conversions

Conversions Part 2

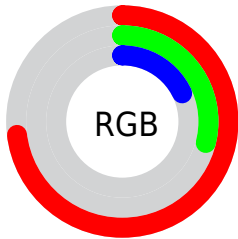
Format	Color
R_{YB}	185, 79, 47
Decimal	12142895
CIE Lab	46.00, 43.81, 38.13
CIE LCh	46, 58.078, 41.040
Yxy	15.2687, 0.5374, 0.3586
Android (android.graphics.Color)	4290332975 (0xFFB9492F)
YUV	103.5240, -27.8663, 71.4545
Hunter-Lab	39.0751, 36.1491, 20.6380

Details

The CIELCh color **46, 58.078, 41.040** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **61, 31.427, 225.390**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 58.229, 41.399**, and **26, 58.139, 41.185** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.064, 42.135**, and if you desaturate by 10%, it is **49, 48.835, 39.984**.

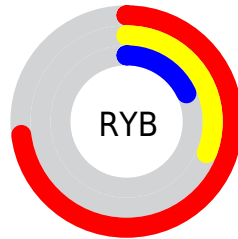
Distribution



Red (73%)

Green (29%)

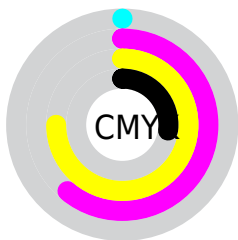
Blue (18%)



Red (73%)

Yellow (31%)

Blue (18%)

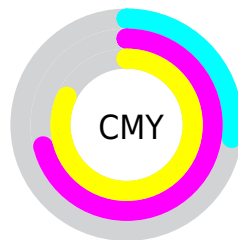


Cyan (0%)

Magenta (61%)

Yellow (75%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 58.078, 41.040 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 46, 58.078, 41.040 by changing the saturation by 10% instead.

■ 46, 58.078, 41.040 ■ 46, 58.078, 41.040

■ 100, 58.078, 41.040 ■ 36, 58.078, 41.040

■ 66, 58.078, 41.040 ■ 26, 58.078, 41.040

■ 76, 58.078, 41.040 ■ 16, 58.078, 41.040

■ 86, 58.078, 41.040 ■ 6, 58.078, 41.040

■ 96, 58.078, 41.040 ■ 0, 58.078, 41.040

■ 46, 58.078, 41.040 ■ 46, 58.078, 41.040

■ 43, 67.064, 42.135 ■ 49, 48.835, 39.984

■ 41, 74.722, 42.763 ■ 53, 39.834, 39.139

40, 78.328, 43.155

56, 31.293, 38.541

60, 23.306, 38.168

64, 15.898, 37.981

69, 9.056, 37.929

73, 2.743, 37.887

78, 3.087, 218.418

82, 8.484, 218.551

Harmonies

Complementary

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



46, 58.078, 41.040



61, 31.427, 225.390

Rectangle

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



46, 58.078, 41.040



46, 58.078, 91.040



46, 58.078, 221.040



46, 58.078, 271.040

Sweetspot

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



46, 58.076, 41.043



83, 17.383, 37.959



45, 71.898, 334.953



42, 11.803, 37.985



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



46, 58.076, 41.043



54, 88.143, 42.665



61, 54.408, 82.253



37, 3.416, 37.930



34, 68.508, 43.367



3, 9.389, 32.523

Inverse Universe

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



61, 31.427, 225.390



74, 40.952, 230.108



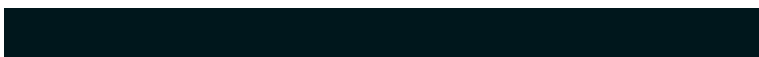
40, 57.250, 288.741



38, 3.224, 218.450



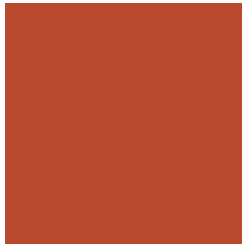
49, 30.203, 232.498



6, 8.567, 227.396

Previews

White Background



This preview shows how the CIELCh color 46, 58.078, 41.040 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 46, 58.078, 41.040 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 46, 58.078, 41.040

Background



This preview shows how black text looks on a background with the CIELCh color 46, 58.078, 41.040.



This preview shows how white text looks on a background with the CIELCh color 46, 58.078, 41.040.

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

46, 58.078, 41.040

Protanopia

46, 30.511, 96.112

Deuteranopia

46, 40.312, 81.147



Tritanopia
46, 52.233, 25.624

Trichromacy



Original Color
46, 58.078, 41.040

Protanomaly
45, 34.987, 65.612

Deuteranomaly
45, 43.399, 61.828

Tritanomaly
46, 54.128, 31.838

Monochromacy



Original Color
46, 58.078, 41.040

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.604, 37.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 58.078, 41.040 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(185, 73, 47)` looks like.

```
.text, #text, p{  
    color:rgb(185, 73, 47)  
}
```

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(185, 73, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 73, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 58.078, 41.040 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(185, 73, 47) }
```

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

```
.border{ border-color:rgb(185, 73, 47) }
```

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

Here you see how a box with a 4 pixel rgb(185, 73, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 73, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 73, 47);  
box-shadow:4px 4px 4px 4px rgb(185, 73,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 58.078, 41.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 73, 47) }
```

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

```
.background{ background-color: rgb(185, 73,  
47) }
```

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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