

Converting Colors

CIELCh(41, 46.597, 15.508)

Have a look what the booklet for
CIELCh(41, 46.597, 15.508) contains.

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Color

CIELCh(41, 46.824, 15.880)

Conversions

Conversions Part 1

Format	Color
Hex	A63C4E
RGB	166, 60, 78
RGB Percent	65%, 24%, 31%
CMY	0.3495, 0.7651, 0.6945
CMYK	0.00, 0.64, 0.53, 0.35
HSL	350°, 47%, 44%
HSV	350°, 64%, 65%
XYZ	18.6846, 11.8645, 8.4960
YIQ	93.7460, 57.3980, 28.0700

Conversions

Conversions Part 2

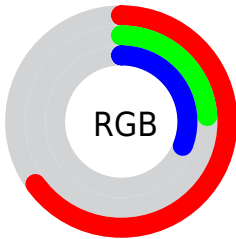
Format	Color
R_{YB}	166, 60, 78
Decimal	10894414
CIE Lab	41.00, 45.04, 12.81
CIE LCh	41, 46.824, 15.880
Yxy	11.8645, 0.4785, 0.3039
Android (android.graphics.Color)	4289084494 (0xFFA63C4E)
YUV	93.7460, -7.7628, 63.3668
Hunter-Lab	34.4449, 36.5483, 9.4873

Details

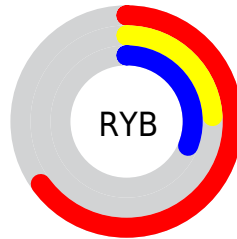
The CIELCh color **41, 46.824, 15.880** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **62, 34.564, 179.339**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 46.641, 15.909**, and **21, 46.034, 17.033** is the 20% darker color. If you saturate the color by 10%, you get **38, 53.745, 19.260**, and if you desaturate by 10%, it is **44, 39.378, 13.200**.

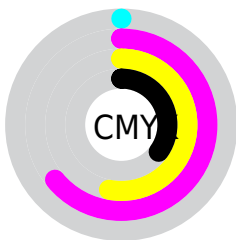
Distribution



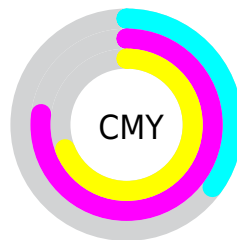
- Red (65%)
- Green (24%)
- Blue (31%)



- Red (65%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 46.824, 15.880 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 41, 46.824, 15.880 by changing the saturation by 10% instead.

41, 46.824, 15.880

41, 46.824, 15.880

100, 46.824,
15.880

31, 46.824, 15.880

61, 46.824, 15.880

21, 46.824, 15.880

71, 46.824, 15.880

11, 46.824, 15.880

81, 46.824, 15.880

1, 46.824, 15.880

91, 46.824, 15.880

0, 46.824, 15.880

41, 46.824, 15.880

41, 46.824, 15.880

38, 53.745, 19.260

44, 39.378, 13.200

36, 59.930, 23.421

48, 31.694, 11.074

35, 65.294, 28.273

52, 24.020, 9.371

34, 68.410, 31.162

57, 16.540, 7.983

61, 9.366, 6.822

66, 2.551, 5.734

71, 3.887, 185.206

76, 9.960, 184.424

81, 15.688,
183.782

Harmonies

Complementary

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



41, 46.824, 15.880



62, 34.564, 179.339

Rectangle

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



41, 46.824, 15.880



41, 46.824, 65.880



41, 46.824, 195.880



41, 46.824, 245.880

Sweetspot

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



41, 46.821, 15.882



75, 16.164, 7.433



41, 66.174, 321.783



39, 11.295, 7.763



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 46.821, 15.882



49, 69.145, 21.054



47, 41.354, 50.309



33, 3.813, 6.337



30, 62.559, 30.612



1, 6.737, 7.433

Inverse Universe

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



41, 46.821, 15.882



49, 69.145, 21.054



52, 27.321, 243.968



33, 3.813, 6.337



30, 62.559, 30.612



1, 6.737, 7.433

Previews

White Background



This preview shows how the CIELCh color 41, 46.824, 15.880 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 CIE LCh color 41, 46.824, 15.880 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 41, 46.824, 15.880

Background



This preview shows how black text looks on a background with the CIELCh color 41, 46.824, 15.880.



This preview shows how white text looks on a background with the CIELCh color 41, 46.824, 15.880.

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

41, 46.824, 15.880

Protanopia

41, 1.026, 55.189

Deuteranopia

41, 15.966, 68.619



Tritanopia
41, 47.301, 25.177

Trichromacy



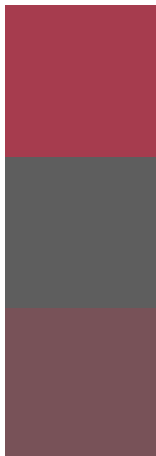
Original Color
41, 46.824, 15.880

Protanomaly
40, 17.401, 12.114

Deuteranomaly
40, 25.058, 31.080

Tritanomaly
41, 46.966, 21.909

Monochromacy



Original Color
41, 46.824, 15.880

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 17.074, 9.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 46.824, 15.880 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(166, 60, 78)` looks like.

```
.text, #text, p{  
    color:rgb(166, 60, 78)  
}
```

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(166, 60, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 60, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 46.824, 15.880 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(166, 60, 78) }
```

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

```
.border{ border-color:rgb(166, 60, 78) }
```

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

Here you see how a box with a 4 pixel rgb(166, 60, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 60, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 60, 78);  
box-shadow:4px 4px 4px 4px rgb(166, 60,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 46.824, 15.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 60, 78) }
```

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

```
.background{ background-color: rgb(166, 60,  
78) }
```

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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