

Converting Colors

CIELCh(41, 30.130, 14.230)

Have a look what the booklet for
CIELCh(41, 30.130, 14.230) contains.

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Color

CIELCh(41, 30.047, 14.186)

Conversions

Conversions Part 1

Format	Color
Hex	904D56
RGB	144, 77, 86
RGB Percent	56%, 30%, 34%
CMY	0.4361, 0.6987, 0.6634
CMYK	0.00, 0.47, 0.40, 0.44
HSL	352°, 30%, 43%
HSV	352°, 47%, 56%
XYZ	15.7825, 11.8645, 10.2267
YIQ	98.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

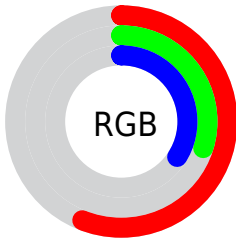
Format	Color
RYB	144, 77, 86
Decimal	9456982
CIELab	41.00, 29.13, 7.36
CIELCh	41, 30.047, 14.186
Yxy	11.8645, 0.4167, 0.3133
Android (android.graphics.Color)	4287647062 (0xFF904D56)
YUV	98.0590, -5.9451, 40.2903
Hunter-Lab	34.4449, 21.5091, 6.5082

Details

The CIELCh color **41, 30.047, 14.186** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55, 23.679, 184.451**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 30.245, 13.417**, and **21, 30.391, 14.094** is the 20% darker color. If you saturate the color by 10%, you get **38, 36.997, 16.397**, and if you desaturate by 10%, it is **45, 23.119, 12.431**.

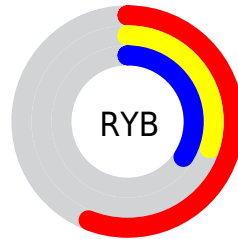
Distribution



Red (56%)

Green (30%)

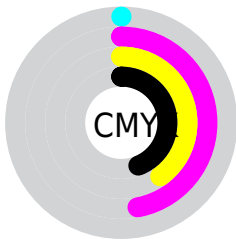
Blue (34%)



Red (56%)

Yellow (30%)

Blue (34%)

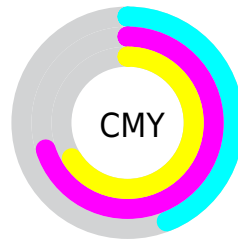


Cyan (0%)

Magenta (47%)

Yellow (40%)

Black (44%)



Cyan (44%)

Magenta (70%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 30.047, 14.186 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, 30.047, 14.186 by changing the saturation by 10% instead.

41, 30.047, 14.186

41, 30.047, 14.186

100, 30.047,
14.186

31, 30.047, 14.186

61, 30.047, 14.186

21, 30.047, 14.186

71, 30.047, 14.186

11, 30.047, 14.186

81, 30.047, 14.186

1, 30.047, 14.186

91, 30.047, 14.186

0, 30.047, 14.186

41, 30.047, 14.186

41, 30.047, 14.186

38, 36.997, 16.397

45, 23.119, 12.431

35, 43.760, 19.182

49, 16.382, 11.013

■ 32, 50.099, 22.662

■ 53, 9.935, 9.843

■ 31, 55.831, 26.858

■ 57, 3.826, 8.819

■ 30, 60.912, 31.467

■ 61, 1.931, 188.332

■ 29, 62.642, 32.854

■ 66, 7.343, 187.481

■ 70, 12.435,
186.856

■ 74, 17.231,
186.317

■ 79, 21.762,
185.842

Harmonies

Complementary

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



41, 30.047, 14.186



55, 23.679, 184.451

Rectangle

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



41, 30.047, 14.186



41, 30.047, 64.186



41, 30.047, 194.186



41, 30.047, 244.186

Sweetspot

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



41, 30.045, 14.189



68, 10.290, 9.602



42, 44.578, 322.299



35, 7.201, 9.808



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



41, 30.045, 14.189



49, 45.230, 16.542



46, 24.993, 54.277



28, 3.292, 9.083



27, 59.687, 32.541



0, 2.167, 8.374

Inverse Universe

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



41, 30.045, 14.189



49, 45.230, 16.542



48, 19.320, 244.343



28, 3.292, 9.083



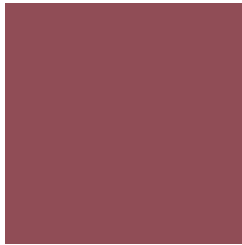
27, 59.687, 32.541



0, 2.167, 8.374

Previews

White Background



This preview shows how the CIELCh color 41, 30.047, 14.186 looks on a white background.

Color Contrast Check

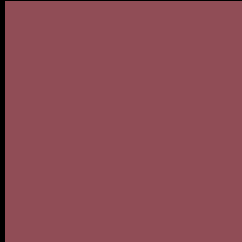
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.047, 14.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

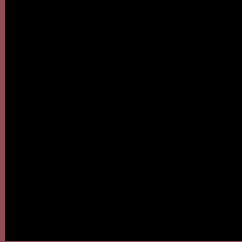
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 30.047, 14.186

Background



This preview shows how black text looks on a background with the CIELCh color 41, 30.047, 14.186.



This preview shows how white text looks on a background with the CIELCh color 41, 30.047, 14.186.

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, 30.047, 14.186

Protanopia

41, 0.837, 19.124

Deuteranopia

41, 10.510, 59.054



Tritanopia
41, 30.178, 17.578

Trichromacy



Original Color
41, 30.047, 14.186

Protanomaly
41, 10.974, 11.486

Deuteranomaly
41, 16.473, 29.912

Tritanomaly
41, 30.121, 16.451

Monochromacy



Original Color
41, 30.047, 14.186

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 11.047, 8.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 30.047, 14.186 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(144, 77, 86)` looks like.

```
.text, #text, p{  
    color:rgb(144, 77, 86)  
}
```

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(144, 77, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 77, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 30.047, 14.186 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(144, 77, 86) }
```

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

```
.border{ border-color:rgb(144, 77, 86) }
```

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

Here you see how a box with a 4 pixel rgb(144, 77, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 77, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 77, 86);  
box-shadow:4px 4px 4px 4px rgb(144, 77,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 30.047, 14.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 77, 86) }
```

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

```
.background{ background-color: rgb(144, 77,  
86) }
```

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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