

Converting Colors

CIELCh(41, 16.228, 4.646)

Have a look what the booklet for
CIELCh(41, 16.228, 4.646) contains.

CIELCh(41, 16.228, 4.646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 16.228, 4.646)

Conversions

Conversions Part 1	
Format	Color
Hex	7B575F
RGB	123, 87, 95
RGB Percent	48%, 34%, 37%
CMY	0.5175, 0.6586, 0.6273
CMYK	0.00, 0.29, 0.23, 0.52
HSL	347°, 17%, 41%
HSV	347°, 29%, 48%
XYZ	13.6539, 11.8645, 12.4070
YIQ	98.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

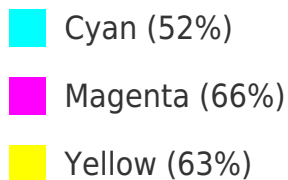
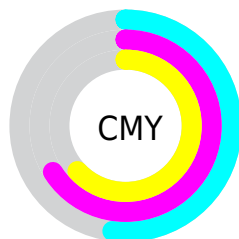
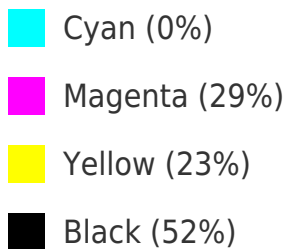
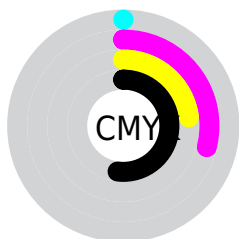
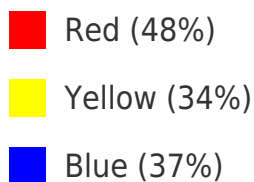
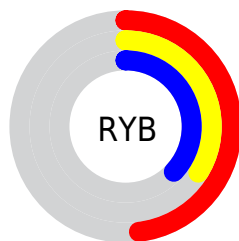
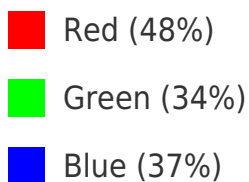
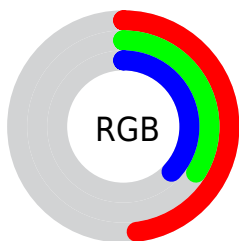
Format	Color
RYB	123, 87, 95
Decimal	8083295
CIELab	41.00, 16.17, 1.31
CIELCh	41, 16.228, 4.646
Yxy	11.8645, 0.3600, 0.3128
Android (android.graphics.Color)	4286273375 (0xFF7B575F)
YUV	98.6760, -1.8123, 21.3321
Hunter-Lab	34.4449, 10.4785, 2.7553

Details

The CIELCh color **41, 16.228, 4.646** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 14.564, 178.940**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 16.174, 5.110**, and **21, 16.192, 4.327** is the 20% darker color. If you saturate the color by 10%, you get **38, 22.144, 6.121**, and if you desaturate by 10%, it is **45, 10.459, 3.416**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 16.228, 4.646 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, 16.228, 4.646 by changing the saturation by 10% instead.

 41, 16.228, 4.646  41, 16.228, 4.646

 100, 16.228, 4.646  31, 16.228, 4.646


 61, 16.228, 4.646  21, 16.228, 4.646

 71, 16.228, 4.646  11, 16.228, 4.646


 81, 16.228, 4.646  1, 16.228, 4.646

 91, 16.228, 4.646  0, 16.228, 4.646

 41, 16.228, 4.646  41, 16.228, 4.646

 38, 22.144, 6.121  45, 10.459, 3.416

 34, 28.093, 7.912  48, 4.912, 2.340

 32, 33.900, 10.132  52, 0.381, 182.441

■ 29, 39.350, 12.913

■ 56, 5.413, 180.800

■ 27, 44.230, 16.392

■ 59, 10.188,
180.077

■ 26, 48.412, 20.662

■ 63, 14.722,
179.447

■ 25, 52.252, 25.266

■ 25, 52.557, 25.578

■ 67, 19.033,
178.883

■ 71, 23.142,
178.372

■ 75, 27.068,
177.906

Harmonies

Complementary

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



41, 16.228, 4.646



49, 14.564, 178.940

Rectangle

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



41, 16.228, 4.646



41, 16.228, 54.646



41, 16.228, 184.646



41, 16.228, 234.646

Sweetspot

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



41, 16.226, 4.650



62, 5.940, 2.336



41, 24.340, 319.021



32, 4.172, 2.465



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 16.226, 4.650



50, 24.429, 5.589



43, 13.222, 46.213



24, 2.974, 2.320



25, 53.178, 25.676



53, 91.798, 28.911

Inverse Universe

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



41, 16.226, 4.650



50, 24.429, 5.589



46, 11.069, 229.695



24, 2.974, 2.320



25, 53.178, 25.676



53, 91.798, 28.911

Previews

White Background



This preview shows how the CIELCh color 41, 16.228, 4.646 looks on a white background.

Color Contrast Check

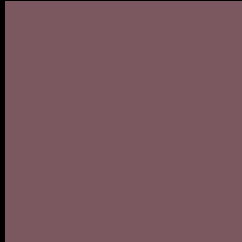
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.228, 4.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

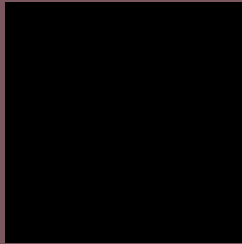
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.228, 4.646

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.228, 4.646.



This preview shows how white text looks on a background with the CIELCh color 41, 16.228, 4.646.

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, 16.228, 4.646

Protanopia

41, 2.579, 309.204

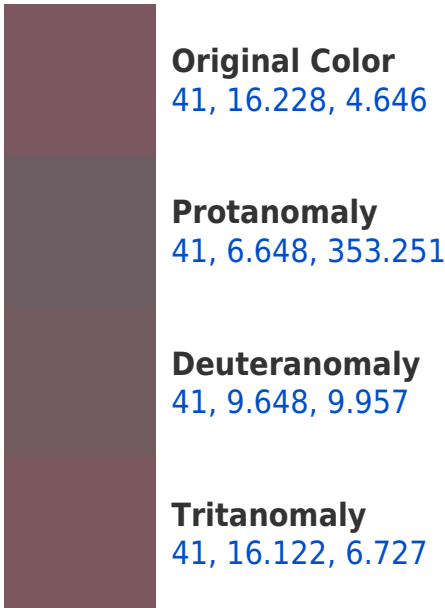
Deuteranopia

41, 5.568, 20.090

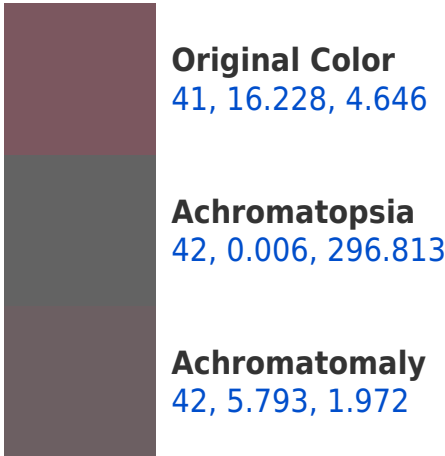


Tritanopia
41, 16.122, 6.727

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 41, 16.228, 4.646 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(123, 87, 95)` looks like.

```
.text, #text, p{  
    color:rgb(123, 87, 95)  
}
```

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(123, 87, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 87, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.228, 4.646 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(123, 87, 95) }
```

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

```
.border{ border-color:rgb(123, 87, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 87, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 87, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 87, 95);  
box-shadow:4px 4px 4px 4px rgb(123, 87,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.228, 4.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 87, 95) }
```

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

```
.background{ background-color: rgb(123, 87,  
95) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor