

Converting Colors

CIELCh(41, 4.598, 319.847)

Have a look what the booklet for
CIELCh(41, 4.598, 319.847) contains.

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Color

CIELCh(41, 4.748, 316.428)

Conversions

Conversions Part 1

Format	Color
Hex	645F66
RGB	100, 95, 102
RGB Percent	39%, 37%, 40%
CMY	0.6077, 0.6273, 0.5998
CMYK	0.02, 0.07, 0.00, 0.60
HSL	283°, 4%, 39%
HSV	283°, 7%, 40%
XYZ	11.7572, 11.8645, 14.2525
YIQ	97.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

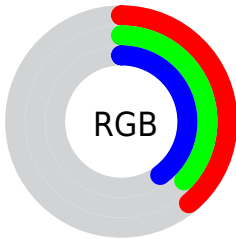
Format	Color
R_{YB}	100, 95, 102
Decimal	6578022
CIE Lab	41.00, 3.44, -3.27
CIE LCh	41, 4.748, 316.428
Yxy	11.8645, 0.3104, 0.3133
Android (android.graphics.Color)	4284768102 (0xFF645F66)
YUV	97.2930, 2.3206, 2.3740
Hunter-Lab	34.4449, 0.6494, -0.4213

Details

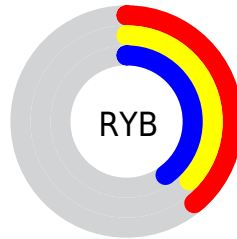
The CIELCh color **41, 4.748, 316.428** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 4.716, 135.933**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 5.088, 317.479**, and **21, 4.473, 315.038** is the 20% darker color. If you saturate the color by 10%, you get **38, 11.776, 316.842**, and if you desaturate by 10%, it is **44, 2.141, 136.117**.

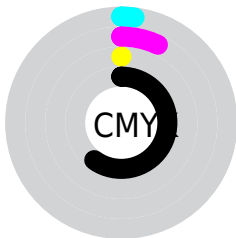
Distribution



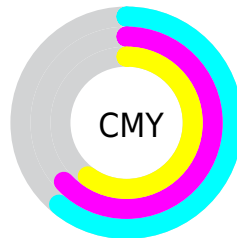
- Red (39%)
- Green (37%)
- Blue (40%)



- Red (39%)
- Yellow (37%)
- Blue (40%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 4.748, 316.428 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, 4.748, 316.428 by changing the saturation by 10% instead.

■ 41, 4.748, 316.428

■ 41, 4.748, 316.428

■ 100, 4.748,
316.428

■ 31, 4.748, 316.428

■ 61, 4.748, 316.428

■ 21, 4.748, 316.428

■ 71, 4.748, 316.428

■ 11, 4.748, 316.428

■ 81, 4.748, 316.428

■ 1, 4.748, 316.428

■ 91, 4.748, 316.428

■ 0, 4.748, 316.428

■ 41, 4.748, 316.428

■ 41, 4.748, 316.428

■ 38, 11.776,
316.842

■ 44, 2.141, 136.117

■ 35, 18.903,

■ 47, 8.864, 135.713

317.256

51, 15.408,
135.370

32, 26.053,
317.661

54, 21.772,
135.056

29, 33.114,
318.039

57, 27.957,
134.770

26, 39.917,
318.363

60, 33.968,
134.510

23, 46.229,
318.597

64, 39.812,
134.276

21, 51.756,
318.694

67, 45.497,
134.065

19, 56.177,
318.602

70, 51.031,
133.876

18, 59.648,
318.366

Harmonies

Complementary

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



41, 4.748, 316.428



43, 4.716, 135.933

Rectangle

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



41, 4.748, 316.428



41, 4.748, 6.428



41, 4.748, 136.428



41, 4.748, 186.428

Sweetspot

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



41, 4.747, 316.426



55, 1.712, 316.182



41, 3.079, 274.546



28, 0.966, 316.168



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 4.747, 316.426



52, 6.875, 316.484



41, 4.492, 330.883



19, 3.891, 316.513



20, 66.109, 318.198



46, 114.988, 317.661

Inverse Universe

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



41, 3.192, 357.461



52, 4.630, 357.603



42, 4.477, 150.162



19, 2.623, 357.673



23, 48.298, 19.720



51, 85.490, 23.453

Previews

White Background



This preview shows how the CIELCh color 41, 4.748, 316.428 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, 4.748, 316.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

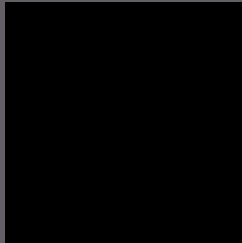
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 4.748, 316.428

Background



This preview shows how black text looks on a background with the CIELCh color 41, 4.748, 316.428.



This preview shows how white text looks on a background with the CIELCh color 41, 4.748, 316.428.

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, 4.748, 316.428

Protanopia

41, 4.279, 296.276

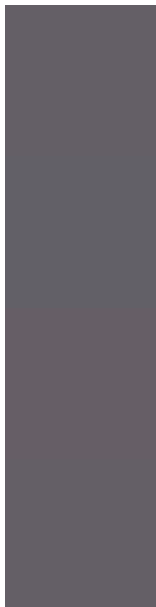
Deuteranopia

41, 6.148, 328.058



Tritanopia
41, 4.748, 316.428

Trichromacy



Original Color

41, 4.748, 316.428

Protanomaly

41, 4.341, 301.638

Deuteranomaly

41, 5.905, 324.817

Tritanomaly

41, 4.748, 316.428

Monochromacy



Original Color

41, 4.748, 316.428

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 2.014, 314.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 4.748, 316.428 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(100, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 95, 102)  
}
```

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(100, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 95, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 4.748, 316.428 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(100, 95, 102) }
```

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

```
.border{ border-color:rgb(100, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(100, 95,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 4.748, 316.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 95, 102) }
```

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

```
.background{ background-color: rgb(100, 95,  
102) }
```

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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