

Converting Colors

CIELCh(41, 9.831, 321.045)

Have a look what the booklet for
CIELCh(41, 9.831, 321.045) contains.

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Color

CIELCh(41, 9.847, 321.050)

Conversions

Conversions Part 1

Format	Color
Hex	695D6B
RGB	105, 93, 107
RGB Percent	41%, 36%, 42%
CMY	0.5887, 0.6357, 0.5808
CMYK	0.02, 0.13, 0.00, 0.58
HSL	291°, 7%, 39%
HSV	291°, 13%, 42%
XYZ	12.3646, 11.8645, 15.5166
YIQ	98.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

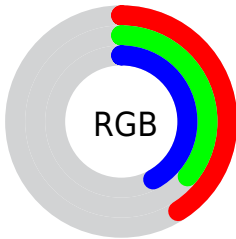
Format	Color
R_{YB}	105, 93, 107
Decimal	6905195
CIE Lab	41.00, 7.66, -6.19
CIE LCh	41, 9.847, 321.050
Yxy	11.8645, 0.3111, 0.2985
Android (android.graphics.Color)	4285095275 (0xFF695D6B)
YUV	98.1840, 4.3463, 5.9776
Hunter-Lab	34.4449, 3.7968, -2.5972

Details

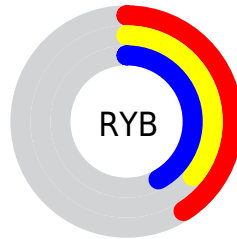
The CIELCh color **41, 9.847, 321.050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 9.799, 139.887**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 9.839, 321.182**, and **21, 10.099, 321.027** is the 20% darker color. If you saturate the color by 10%, you get **38, 17.459, 321.496**, and if you desaturate by 10%, it is **44, 2.311, 320.565**.

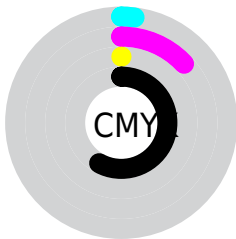
Distribution



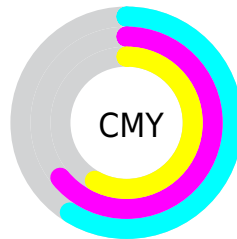
- Red (41%)
- Green (36%)
- Blue (42%)



- Red (41%)
- Yellow (36%)
- Blue (42%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.847, 321.050 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, 9.847, 321.050 by changing the saturation by 10% instead.

41, 9.847, 321.050

41, 9.847, 321.050

100, 9.847,
321.050

31, 9.847, 321.050

61, 9.847, 321.050

21, 9.847, 321.050

71, 9.847, 321.050

11, 9.847, 321.050

81, 9.847, 321.050

1, 9.847, 321.050

91, 9.847, 321.050

0, 9.847, 321.050

41, 9.847, 321.050

41, 9.847, 321.050

38, 17.459,
321.496

44, 2.311, 320.565

35, 25.060,

47, 5.087, 140.227

321.929

51, 12.314,
139.801

32, 32.514,
322.334

54, 19.351,
139.409

29, 39.634,
322.691

57, 26.190,
139.042

27, 46.175,
322.974

61, 32.832,
138.701

25, 51.853,
323.155

64, 39.281,
138.385

23, 56.376,
323.202

67, 45.543,
138.094

22, 59.573,
323.096

70, 51.628,
137.827

21, 61.592,
323.015

Harmonies

Complementary

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



41, 9.847, 321.050



44, 9.799, 139.887

Rectangle

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



41, 9.847, 321.050



41, 9.847, 11.050



41, 9.847, 141.050



41, 9.847, 191.050

Sweetspot

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



41, 9.846, 321.050



56, 3.680, 320.624



41, 7.270, 284.711



28, 2.596, 320.655



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 9.846, 321.050



51, 14.844, 321.200



41, 8.041, 337.247



21, 4.220, 320.861



24, 65.812, 322.963



52, 113.356, 322.665

Inverse Universe

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



41, 6.095, 8.775



51, 9.255, 9.114



44, 7.980, 155.486



21, 2.590, 8.368



23, 53.162, 31.132



51, 94.500, 34.315

Previews

White Background



This preview shows how the CIELCh color 41, 9.847, 321.050 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, 9.847, 321.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

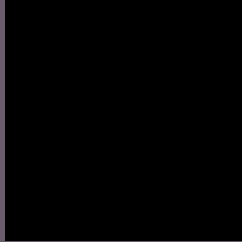
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 9.847, 321.050

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.847, 321.050.



This preview shows how white text looks on a background with the CIELCh color 41, 9.847, 321.050.

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, 9.847, 321.050

Protanopia

41, 7.897, 288.498

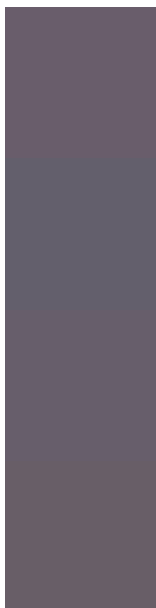
Deuteranopia

41, 8.577, 313.463



Tritanopia
41, 5.967, 334.867

Trichromacy



Original Color
41, 9.847, 321.050

Protanomaly
41, 8.086, 302.761

Deuteranomaly
41, 8.739, 315.956

Tritanomaly
41, 6.876, 327.767

Monochromacy



Original Color
41, 9.847, 321.050

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 3.692, 324.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.847, 321.050 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(105, 93, 107)` looks like.

```
.text, #text, p{  
    color:rgb(105, 93, 107)  
}
```

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(105, 93, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 93, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.847, 321.050 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(105, 93, 107) }
```

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

```
.border{ border-color:rgb(105, 93, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 93, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 93, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 93, 107); box-shadow:4px 4px 4px 4px rgb(105, 93, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.847, 321.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 93, 107) }
```

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

```
.background{ background-color: rgb(105, 93,  
107) }
```

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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