

Converting Colors

CIELCh(41, 16.784, 325.496)

Have a look what the booklet for
CIELCh(41, 16.784, 325.496)
contains.

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Color

CIELCh(41, 16.784, 325.496)

Conversions

Conversions Part 1

Format	Color
Hex	705970
RGB	112, 89, 112
RGB Percent	44%, 35%, 44%
CMY	0.5591, 0.6494, 0.5591
CMYK	0.00, 0.20, 0.00, 0.56
HSL	300°, 11%, 40%
HSV	300°, 20%, 44%
XYZ	13.2907, 11.8645, 17.0422
YIQ	98.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

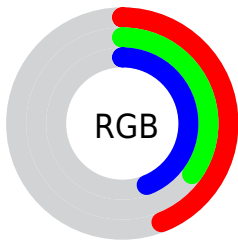
Format	Color
R_{YB}	112, 89, 112
Decimal	7362928
CIE _{Lab}	41.00, 13.83, -9.51
CIE _{LCh}	41, 16.784, 325.496
Yxy	11.8645, 0.3150, 0.2812
Android (android.graphics.Color)	4285553008 (0xFF705970)
YUV	98.4990, 6.6560, 11.8404
Hunter-Lab	34.4449, 8.5960, -5.2233

Details

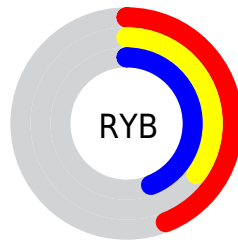
The CIELCh color $41, 16.784, 325.496$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 16.770, 143.211$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 17.005, 325.248$, and $21, 16.852, 325.995$ is the 20% darker color. If you saturate the color by 10%, you get $38, 24.957, 326.008$, and if you desaturate by 10%, it is $44, 8.554, 324.968$.

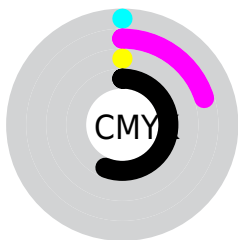
Distribution



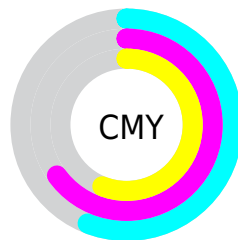
- Red (44%)
- Green (35%)
- Blue (44%)



- Red (44%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.784, 325.496 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, 16.784, 325.496 by changing the saturation by 10% instead.


 41, 16.784,
325.496


 41, 16.784,
325.496


 100, 16.784,
325.496


 31, 16.784,
325.496

 61, 16.784,
325.496


 21, 16.784,
325.496

 71, 16.784,
325.496


 11, 16.784,
325.496


 81, 16.784,
325.496

 1, 16.784, 325.496

 91, 16.784,
325.496

 0, 16.784, 325.496

 41, 16.784,

 41, 16.784,

325.496

325.496

38, 24.957,
326.008

44, 8.554, 324.968

35, 32.913,
326.496

47, 0.388, 324.033

51, 7.638, 143.983

33, 40.434,
326.946

54, 15.476,
143.477

31, 47.259,
327.346

57, 23.098,
142.999

29, 53.101,
327.679

61, 30.492,
142.545

27, 57.697,
327.937

64, 37.656,
142.116

26, 60.876,
328.112

67, 44.595,
141.713

26, 63.168,
328.237

71, 51.316,

Harmonies

Complementary

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



41, 16.784, 325.496



45, 16.770, 143.211

Rectangle

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



41, 16.784, 325.496



41, 16.784, 15.496



41, 16.784, 145.496



41, 16.784, 195.496

Sweetspot

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



41, 16.782, 325.496



58, 6.036, 324.730



39, 14.129, 292.356



30, 4.036, 324.756



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 16.782, 325.496



51, 25.303, 325.763



41, 11.908, 345.335



22, 4.583, 324.888



28, 66.119, 328.237



59, 112.921, 328.237

Inverse Universe

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



41, 16.782, 325.496



51, 25.303, 325.763



45, 11.622, 161.967



22, 4.583, 324.888



28, 66.119, 328.237



59, 112.921, 328.237

Previews

White Background



This preview shows how the CIELCh color 41, 16.784, 325.496 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 CIELCh color 41, 16.784, 325.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

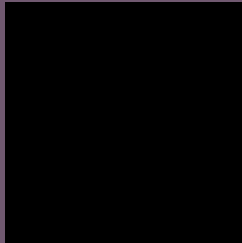
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.784, 325.496

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.784, 325.496.



This preview shows how white text looks on a background with the CIELCh color 41, 16.784, 325.496.

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, 16.784, 325.496

Protanopia

41, 12.800, 285.285

Deuteranopia

41, 10.562, 302.478



Tritanopia
41, 9.076, 352.931

Trichromacy



Original Color
41, 16.784, 325.496

Protanomaly
41, 12.952, 300.674

Deuteranomaly
41, 13.127, 313.202

Tritanomaly
41, 11.756, 339.094

Monochromacy



Original Color
41, 16.784, 325.496

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.885, 324.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.784, 325.496 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(112, 89, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 89, 112)  
}
```

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(112, 89, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 89, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.784, 325.496 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(112, 89, 112) }
```

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

```
.border{ border-color:rgb(112, 89, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 89, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 89, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 89, 112);  
box-shadow:4px 4px 4px 4px rgb(112, 89,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.784, 325.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 89, 112) }
```

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

```
.background{ background-color: rgb(112, 89,  
112) }
```

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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