

Converting Colors

CIELCh(41, 16.670, 335.116)

Have a look what the booklet for
CIELCh(41, 16.670, 335.116)
contains.

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Color

CIELCh(41, 16.678, 335.306)

Conversions

Conversions Part 1

Format	Color
Hex	74586C
RGB	116, 88, 108
RGB Percent	45%, 35%, 42%
CMY	0.5437, 0.6535, 0.5751
CMYK	0.00, 0.24, 0.07, 0.54
HSL	317°, 14%, 40%
HSV	317°, 24%, 46%
XYZ	13.4947, 11.8645, 15.8656
YIQ	98.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

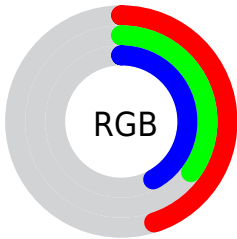
Format	Color
R_{YB}	116, 88, 108
Decimal	7624812
CIE Lab	41.00, 15.15, -6.97
CIE LCh	41, 16.678, 335.306
Yxy	11.8645, 0.3273, 0.2878
Android (android.graphics.Color)	4285814892 (0xFF74586C)
YUV	98.6520, 4.6086, 15.2142
Hunter-Lab	34.4449, 9.6534, -3.1979

Details

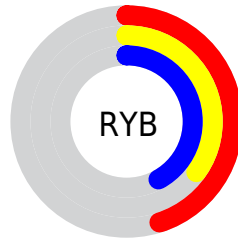
The CIELCh color $41, 16.678, 335.306$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 16.540, 151.984$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 16.508, 335.495$, and $21, 16.872, 334.194$ is the 20% darker color. If you saturate the color by 10%, you get $38, 23.586, 336.042$, and if you desaturate by 10%, it is $44, 9.708, 334.607$.

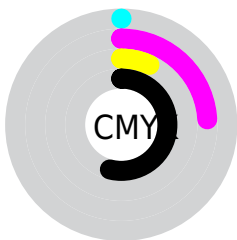
Distribution



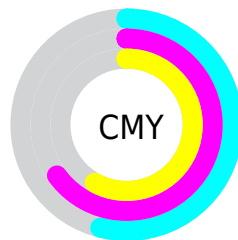
- Red (45%)
- Green (35%)
- Blue (42%)



- Red (45%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (54%)





- Cyan (54%)
- Magenta (65%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.678, 335.306 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, 16.678, 335.306 by changing the saturation by 10% instead.


 41, 16.678,
335.306


 41, 16.678,
335.306


 100, 16.678,
335.306


 31, 16.678,
335.306

 61, 16.678,
335.306


 21, 16.678,
335.306

 71, 16.678,
335.306


 11, 16.678,
335.306


 81, 16.678,
335.306

 1, 16.678, 335.306

 91, 16.678,
335.306

 0, 16.678, 335.306

 41, 16.678,

 41, 16.678,

335.306

38, 23.586,
336.042

35, 30.276,
336.825

32, 36.529,
337.667

30, 42.070,
338.590

28, 46.598,
339.624

26, 49.834,
340.812

25, 51.671,
342.201

25, 52.585,
343.042

335.306

44, 9.708, 334.607

48, 2.792, 333.898

51, 4.003, 153.417

54, 10.634,
152.797

58, 17.082,
152.237

61, 23.339,
151.711

65, 29.405,
151.216

69, 35.288,
150.749

72, 40.995,

Harmonies

Complementary

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



41, 16.678, 335.306



46, 16.540, 151.984

Rectangle

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



41, 16.678, 335.306



41, 16.678, 25.306



41, 16.678, 155.306



41, 16.678, 205.306

Sweetspot

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



41, 16.676, 335.307



59, 5.931, 334.131



39, 17.498, 302.709



31, 3.885, 334.159



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 16.676, 335.307



50, 24.801, 335.717



41, 12.598, 4.376



23, 3.894, 334.261



26, 54.470, 343.146



56, 91.423, 344.239

Inverse Universe

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



41, 16.676, 335.307



50, 24.801, 335.717



47, 11.530, 179.883



23, 3.894, 334.261



26, 54.470, 343.146



56, 91.423, 344.239

Previews

White Background



This preview shows how the CIELCh color 41, 16.678, 335.306 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, 16.678, 335.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

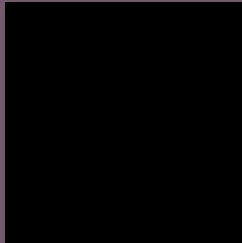
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.678, 335.306

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.678, 335.306.



This preview shows how white text looks on a background with the CIELCh color 41, 16.678, 335.306.

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, 16.678, 335.306

Protanopia

41, 10.334, 287.423

Deuteranopia

41, 8.431, 310.891



Tritanopia
41, 11.464, 359.473

Trichromacy



Original Color
41, 16.678, 335.306

Protanomaly
41, 11.570, 309.767

Deuteranomaly
41, 11.014, 325.150

Tritanomaly
41, 13.107, 347.744

Monochromacy



Original Color
41, 16.678, 335.306

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 5.957, 334.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.678, 335.306 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(116, 88, 108)` looks like.

```
.text, #text, p{  
    color:rgb(116, 88, 108)  
}
```

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(116, 88, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 88, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.678, 335.306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

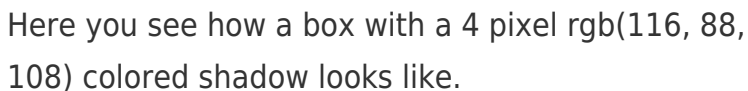
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 88, 108) }
```

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

```
.border{ border-color:rgb(116, 88, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 88, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 88, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 88, 108); box-shadow:4px 4px 4px 4px rgb(116, 88, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.678, 335.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 88, 108) }
```

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

```
.background{ background-color: rgb(116, 88,  
108) }
```

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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