

Converting Colors

CIELCh(41, 16.998, 333.280)

Have a look what the booklet for
CIELCh(41, 16.998, 333.280)
contains.

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Color

CIELCh(41, 17.098, 333.867)

Conversions

Conversions Part 1

Format	Color
Hex	74586D
RGB	116, 88, 109
RGB Percent	45%, 35%, 43%
CMY	0.5440, 0.6539, 0.5715
CMYK	0.00, 0.24, 0.06, 0.54
HSL	315°, 14%, 40%
HSV	315°, 24%, 46%
XYZ	13.5254, 11.8645, 16.1217
YIQ	98.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

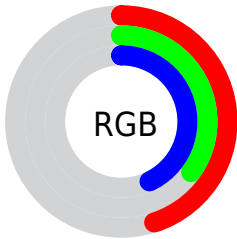
Format	Color
R_{YB}	116, 88, 109
Decimal	7624813
CIE _{Lab}	41.00, 15.35, -7.53
CIE _{LCh}	41, 17.098, 333.867
Yxy	11.8645, 0.3258, 0.2858
Android (android.graphics.Color)	4285814893 (0xFF74586D)
YUV	98.7660, 5.0454, 15.1142
Hunter-Lab	34.4449, 9.8122, -3.6388

Details

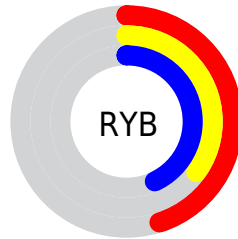
The CIELCh color $41, 17.098, 333.867$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 16.989, 150.647$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 16.900, 334.140$, and $21, 17.342, 332.652$ is the 20% darker color. If you saturate the color by 10%, you get $38, 24.164, 334.563$, and if you desaturate by 10%, it is $44, 9.962, 333.199$.

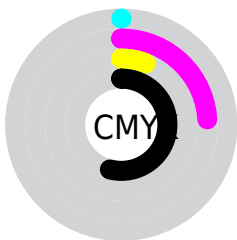
Distribution



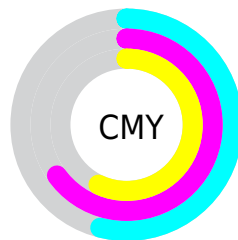
- Red (45%)
- Green (35%)
- Blue (43%)



- Red (45%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 17.098, 333.867 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, 17.098, 333.867 by changing the saturation by 10% instead.

■ 41, 17.098,
333.867

■ 41, 17.098,
333.867

■ 100, 17.098,
333.867

■ 31, 17.098,
333.867

■ 61, 17.098,
333.867

■ 21, 17.098,
333.867

■ 71, 17.098,
333.867

■ 11, 17.098,
333.867

■ 81, 17.098,
333.867

■ 1, 17.098, 333.867

■ 91, 17.098,
333.867

■ 0, 17.098, 333.867

■ 41, 17.098,

■ 41, 17.098,

333.867

38, 24.164,
334.563

35, 31.000,
335.293

32, 37.383,
336.066

30, 43.037,
336.896

28, 47.658,
337.805

27, 50.972,
338.827

26, 52.875,
339.997

25, 53.819,
340.700

333.867

44, 9.962, 333.199

48, 2.873, 332.517

51, 4.097, 152.047

54, 10.903,
151.445

58, 17.525,
150.897

61, 23.952,
150.382

65, 30.186,
149.896

68, 36.232,
149.437

72, 42.099,

Harmonies

Complementary

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



41, 17.098, 333.867



46, 16.989, 150.647

Rectangle

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



41, 17.098, 333.867



41, 17.098, 23.867



41, 17.098, 153.867



41, 17.098, 203.867

Sweetspot

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



41, 17.096, 333.868



59, 6.085, 332.740



39, 17.440, 301.547



31, 3.986, 332.768



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, 17.096, 333.868



51, 25.419, 334.256



41, 12.732, 1.918



23, 3.995, 332.866



27, 55.782, 340.786



56, 93.690, 341.681

Inverse Universe

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



41, 17.096, 333.868



51, 25.419, 334.256



47, 11.758, 177.364



23, 3.995, 332.866



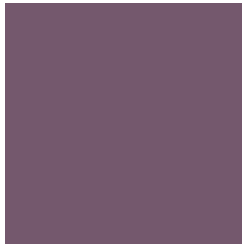
27, 55.782, 340.786



56, 93.690, 341.681

Previews

White Background



This preview shows how the CIELCh color 41, 17.098, 333.867 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, 17.098, 333.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

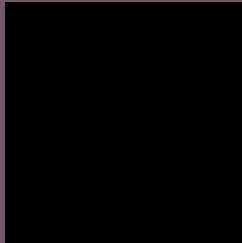
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 17.098, 333.867

Background



This preview shows how black text looks on a background with the CIELCh color 41, 17.098, 333.867.



This preview shows how white text looks on a background with the CIELCh color 41, 17.098, 333.867.

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, 17.098, 333.867

Protanopia

41, 10.963, 285.772

Deuteranopia

41, 9.003, 309.614



Tritanopia
41, 11.464, 359.473

Trichromacy



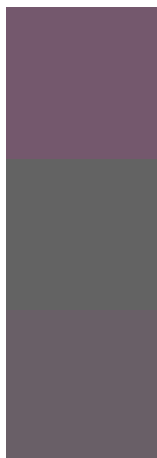
Original Color
41, 17.098, 333.867

Protanomaly
41, 12.036, 307.078

Deuteranomaly
41, 11.514, 323.452

Tritanomaly
41, 13.107, 347.744

Monochromacy



Original Color
41, 17.098, 333.867

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 6.398, 331.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 17.098, 333.867 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(116, 88, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 88, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 17.098, 333.867 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, 109) }
```

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

```
.border{ border-color:rgb(116, 88, 109) }
```

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, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 88, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 88, 109);  
box-shadow:4px 4px 4px 4px rgb(116, 88,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 17.098, 333.867 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, 109) }
```

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

```
.background{ background-color: rgb(116, 88,  
109) }
```

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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