

Converting Colors

CIELCh(41, 16.260, 339.215)

Have a look what the booklet for
CIELCh(41, 16.260, 339.215)
contains.

CIELCh(41, 16.174, 339.510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 16.174, 339.510)

Conversions

Conversions Part 1

Format	Color
Hex	75586A
RGB	117, 88, 106
RGB Percent	46%, 35%, 42%
CMY	0.5402, 0.6539, 0.5833
CMYK	0.00, 0.25, 0.09, 0.54
HSL	323°, 14%, 40%
HSV	323°, 25%, 46%
XYZ	13.4944, 11.8645, 15.2822
YIQ	98.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

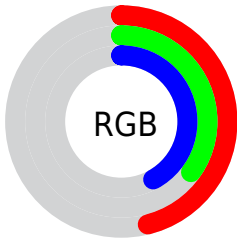
Format	Color
R_{YB}	117, 88, 106
Decimal	7690346
CIE Lab	41.00, 15.15, -5.66
CIE LCh	41, 16.174, 339.510
Yxy	11.8645, 0.3320, 0.2919
Android (android.graphics.Color)	4285880426 (0xFF75586A)
YUV	98.7230, 3.5876, 16.0289
Hunter-Lab	34.4449, 9.6517, -2.1938

Details

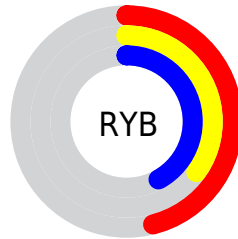
The CIELCh color **41, 16.174, 339.510** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 15.927, 155.760**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 16.041, 339.408**, and **21, 16.283, 338.848** is the 20% darker color. If you saturate the color by 10%, you get **38, 22.722, 340.372**, and if you desaturate by 10%, it is **44, 9.583, 338.715**.

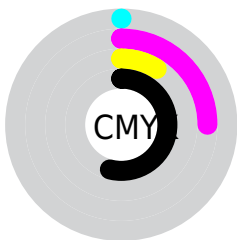
Distribution



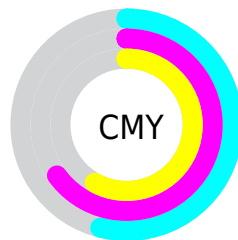
- Red (46%)
- Green (35%)
- Blue (42%)



- Red (46%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (54%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.174, 339.510 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, 16.174, 339.510 by changing the saturation by 10% instead.


 41, 16.174,
339.510


 41, 16.174,
339.510


 100, 16.174,
339.510


 31, 16.174,
339.510

 61, 16.174,
339.510


 21, 16.174,
339.510

 71, 16.174,
339.510


 11, 16.174,
339.510


 81, 16.174,
339.510

 1, 16.174, 339.510

 91, 16.174,
339.510

 0, 16.174, 339.510

 41, 16.174,

 41, 16.174,

339.510

339.510

38, 22.722,
340.372

44, 9.583, 338.715

35, 29.075,
341.318

48, 3.057, 337.933

51, 3.340, 157.410

32, 35.018,
342.378

55, 9.571, 156.730

30, 40.278,
343.591

58, 15.618,
156.128

28, 44.556,
345.016

62, 21.477,
155.568

26, 47.578,
346.732

65, 27.151,
155.045

25, 49.279,
348.805

69, 32.646,
154.554

25, 50.076,
349.918

72, 37.974,
154.093

Harmonies

Complementary

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



41, 16.174, 339.510



47, 15.927, 155.760

Rectangle

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



41, 16.174, 339.510



41, 16.174, 29.510



41, 16.174, 159.510



41, 16.174, 209.510

Sweetspot

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



41, 16.172, 339.511



60, 5.623, 338.133



40, 18.295, 305.644



31, 3.633, 338.163



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, 16.172, 339.511



51, 24.410, 340.021



41, 12.820, 10.804



23, 3.643, 338.277



26, 51.596, 350.053



55, 86.598, 351.744

Inverse Universe

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



41, 16.172, 339.511



51, 24.410, 340.021



47, 11.412, 186.523



23, 3.643, 338.277



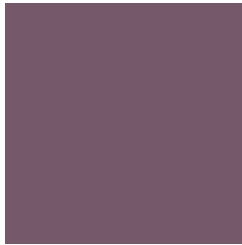
26, 51.596, 350.053



55, 86.598, 351.744

Previews

White Background



This preview shows how the CIE LCh color 41, 16.174, 339.510 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, 16.174, 339.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

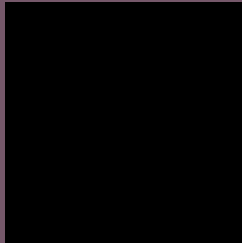
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 16.174, 339.510

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.174, 339.510.



This preview shows how white text looks on a background with the CIELCh color 41, 16.174, 339.510.

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, 16.174, 339.510

Protanopia

41, 9.126, 286.635

Deuteranopia

41, 7.663, 319.776



Tritanopia
41, 11.869, 0.325

Trichromacy



Original Color
41, 16.174, 339.510

Protanomaly
41, 10.429, 311.814

Deuteranomaly
41, 10.307, 330.942

Tritanomaly
41, 13.179, 351.102

Monochromacy



Original Color
41, 16.174, 339.510

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.256, 337.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.174, 339.510 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(117, 88, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 88, 106)  
}
```

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(117, 88, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 88, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.174, 339.510 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(117, 88, 106) }
```

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

```
.border{ border-color:rgb(117, 88, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 88, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 88, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 88, 106); box-shadow:4px 4px 4px 4px rgb(117, 88, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.174, 339.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 88, 106) }
```

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

```
.background{ background-color: rgb(117, 88,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor