

Converting Colors

CIELCh(41, 41.721, 335.007)

Have a look what the booklet for
CIELCh(41, 41.721, 335.007)
contains.

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Color

CIELCh(41, 41.851, 335.258)

Conversions

Conversions Part 1

Format	Color
Hex	8F477E
RGB	143, 71, 126
RGB Percent	56%, 28%, 49%
CMY	0.4390, 0.7214, 0.5057
CMYK	0.00, 0.50, 0.12, 0.44
HSL	314°, 34%, 42%
HSV	314°, 50%, 56%
XYZ	17.3620, 11.8645, 21.1302
YIQ	98.7980, 25.2570, 32.3690

Conversions

Conversions Part 2

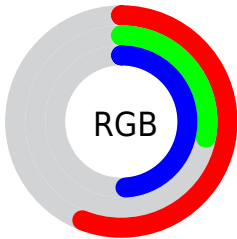
Format	Color
R_{YB}	143, 71, 126
Decimal	9389950
CIE _{Lab}	41.00, 38.01, -17.52
CIE _{LCh}	41, 41.851, 335.258
Yxy	11.8645, 0.3448, 0.2356
Android (android.graphics.Color)	4287580030 (0xFF8F477E)
YUV	98.7980, 13.4106, 38.7652
Hunter-Lab	34.4449, 29.6947, -12.2600

Details

The CIELCh color **41, 41.851, 335.258** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **54, 41.794, 147.403**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 41.868, 334.999**, and **21, 41.985, 334.890** is the 20% darker color. If you saturate the color by 10%, you get **38, 48.868, 336.056**, and if you desaturate by 10%, it is **44, 34.036, 334.507**.

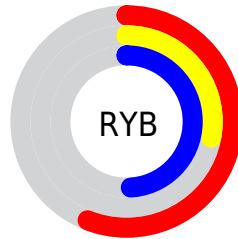
Distribution



Red (56%)

Green (28%)

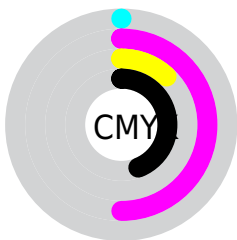
Blue (49%)



Red (56%)

Yellow (28%)

Blue (49%)

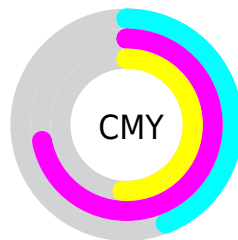


Cyan (0%)

Magenta (50%)

Yellow (12%)

Black (44%)



Cyan (44%)


Magenta (72%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 41.851, 335.258 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, 41.851, 335.258 by changing the saturation by 10% instead.


 41, 41.851,
335.258


 41, 41.851,
335.258


 100, 41.851,
335.258


 31, 41.851,
335.258

 61, 41.851,
335.258


 21, 41.851,
335.258

 71, 41.851,
335.258

 11, 41.851,
335.258

 81, 41.851,
335.258

 1, 41.851, 335.258

 91, 41.851,
335.258

 0, 41.851, 335.258

 41, 41.851,

 41, 41.851,

335.258

38, 48.868,
336.056

36, 54.723,
336.918

34, 59.059,
337.873

33, 61.635,
338.962

32, 62.888,
340.130

335.258

44, 34.036,
334.507

48, 25.753,
333.792

51, 17.255,
333.106

55, 8.724, 332.440

59, 0.283, 330.967

63, 7.990, 151.285

67, 16.054,
150.706

72, 23.886,
150.166

76, 31.480,

Harmonies

Complementary

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



41, 41.851, 335.258



54, 41.794, 147.403

Rectangle

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



41, 41.851, 335.258



41, 41.851, 25.258



41, 41.851, 155.258



41, 41.851, 205.258

Sweetspot

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



41, 41.849, 335.258



68, 15.749, 332.771



35, 45.115, 303.557



35, 10.839, 332.896



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



41, 41.849, 335.258



49, 60.060, 336.134



40, 32.701, 4.925



28, 4.757, 332.363



30, 60.396, 340.052



1, 3.192, 331.822

Inverse Universe

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



41, 41.849, 335.258



49, 60.060, 336.134



55, 27.670, 173.138



28, 4.757, 332.363



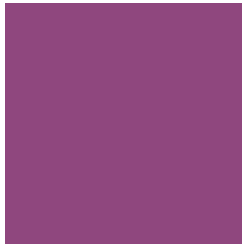
30, 60.396, 340.052



1, 3.192, 331.822

Previews

White Background



This preview shows how the CIELCh color 41, 41.851, 335.258 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, 41.851, 335.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

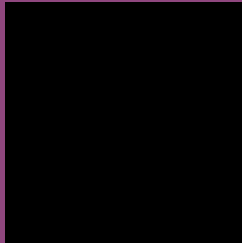
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 41.851, 335.258

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.851, 335.258.

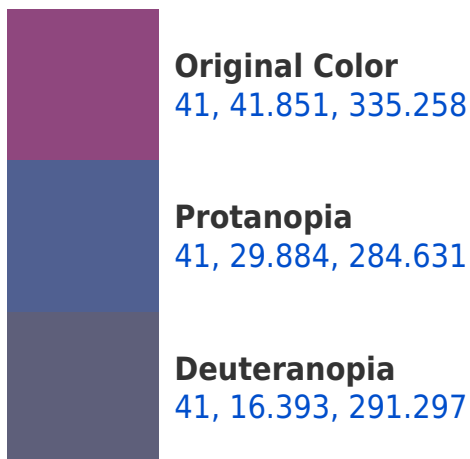


This preview shows how white text looks on a background with the CIELCh color 41, 41.851, 335.258.

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





Tritanopia
41, 26.460, 15.881

Trichromacy



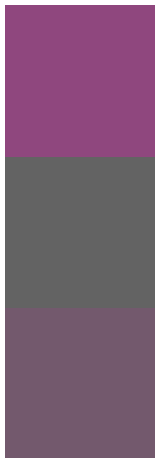
Original Color
41, 41.851, 335.258

Protanomaly
40, 31.664, 304.768

Deuteranomaly
40, 24.677, 317.050

Tritanomaly
41, 29.708, 355.743

Monochromacy



Original Color
41, 41.851, 335.258

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.112, 333.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.851, 335.258 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(143, 71, 126)` looks like.

```
.text, #text, p{  
    color:rgb(143, 71, 126)  
}
```

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(143, 71, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 71, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.851, 335.258 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(143, 71, 126) }
```

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

```
.border{ border-color:rgb(143, 71, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 71, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 71, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 71, 126);  
box-shadow:4px 4px 4px 4px rgb(143, 71,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.851, 335.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 71, 126) }
```

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

```
.background{ background-color: rgb(143, 71,  
126) }
```

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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