

Converting Colors

CIELCh(41, 83.664, 330.030)

Have a look what the booklet for
CIELCh(41, 83.664, 330.030)
contains.

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Color

CIELCh(41, 83.738, 329.883)

Conversions

Conversions Part 1

Format	Color
Hex	AE03A7
RGB	174, 3, 167
RGB Percent	68%, 1%, 65%
CMY	0.3174, 0.9876, 0.3449
CMYK	0.00, 0.98, 0.04, 0.32
HSL	302°, 96%, 35%
HSV	302°, 98%, 68%
XYZ	24.4802, 11.8645, 37.5817
YIQ	72.8250, 49.2720, 87.2560

Conversions

Conversions Part 2

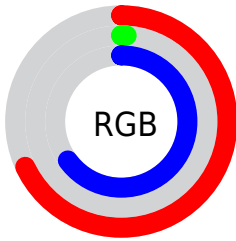
Format	Color
R_{YB}	174, 3, 167
Decimal	11404199
CIE _{Lab}	41.00, 72.43, -42.02
CIE _{LCh}	41, 83.738, 329.883
Yxy	11.8645, 0.3311, 0.1605
Android (android.graphics.Color)	4289594279 (0xFFAE03A7)
YUV	72.8250, 46.4283, 88.7305
Hunter-Lab	34.4449, 66.5822, -40.5779

Details

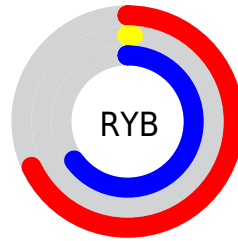
The CIELCh color **41, 83.738, 329.883** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **62, 88.748, 136.441**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 83.986, 329.779**, and **27, 63.754, 329.235** is the 20% darker color. If you saturate the color by 10%, you get **41, 84.058, 329.923**, and if you desaturate by 10%, it is **42, 81.617, 329.652**.

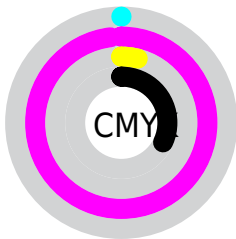
Distribution



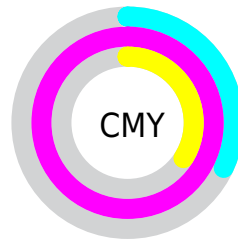
- Red (68%)
- Green (1%)
- Blue (65%)



- Red (68%)
- Yellow (1%)
- Blue (65%)



- Cyan (0%)
- Magenta (98%)
- Yellow (4%)
- Black (32%)




- Cyan (32%)
- Magenta (99%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 83.738, 329.883 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, 83.738, 329.883 by changing the saturation by 10% instead.


 41, 83.738,
329.883


 41, 83.738,
329.883


 100, 83.738,
329.883


 31, 83.738,
329.883

 61, 83.738,
329.883


 21, 83.738,
329.883

 71, 83.738,
329.883


 11, 83.738,
329.883


 81, 83.738,
329.883

 1, 83.738, 329.883

 91, 83.738,
329.883

 0, 83.738, 329.883

 41, 83.738,

 41, 83.738,

329.883

329.883

■ 41, 84.058,
329.923

■ 42, 81.617,
329.652

■ 43, 77.531,
329.367

■ 45, 71.323,
329.018

■ 48, 63.258,
328.607

■ 51, 53.748,
328.142

■ 55, 43.235,
327.635

■ 59, 32.119,
327.099

■ 63, 20.722,
326.545

Harmonies

Complementary

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



41, 83.738, 329.883



62, 88.748, 136.441

Rectangle

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



41, 83.738, 329.883



41, 83.738, 19.883



41, 83.738, 149.883



41, 83.738, 199.883

Sweetspot

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



41, 83.736, 329.883



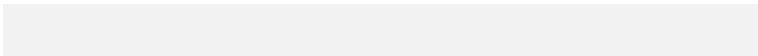
74, 41.000, 327.171



21, 99.376, 306.217



37, 28.297, 327.397



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



41, 83.736, 329.883



53, 102.434, 329.955



37, 63.121, 4.228



34, 6.410, 326.043



35, 75.536, 329.903



2, 13.300, 326.089

Inverse Universe

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



41, 83.736, 329.883



53, 102.434, 329.955



63, 63.719, 151.375



34, 6.410, 326.043



35, 75.536, 329.903



2, 13.300, 326.089

Previews

White Background



This preview shows how the CIELCh color 41, 83.738, 329.883 looks on a white background.

Color Contrast Check

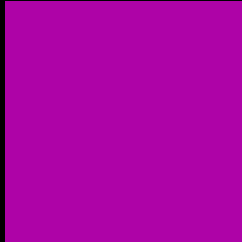
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.738, 329.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

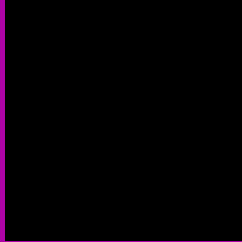
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 83.738, 329.883

Background



This preview shows how black text looks on a background with the CIELCh color 41, 83.738, 329.883.



This preview shows how white text looks on a background with the CIELCh color 41, 83.738, 329.883.

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, 83.738, 329.883

Deuteranopia

42, 35.695, 279.908

Tritanopia

42, 44.830, 24.301

Trichromacy



Original Color
41, 83.738, 329.883

Deuteranomaly
36, 60.227, 309.816

Tritanomaly
40, 55.441, 353.760

Monochromacy



Original Color
41, 83.738, 329.883

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 42.400, 328.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 83.738, 329.883 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(174, 3, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 3, 167)  
}
```

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(174, 3, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 3, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 83.738, 329.883 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(174, 3, 167) }
```

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

```
.border{ border-color:rgb(174, 3, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 3, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 3, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 3, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 3,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 83.738, 329.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 3, 167) }
```

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

```
.background{ background-color: rgb(174, 3,  
167) }
```

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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