

Converting Colors

CIELCh(41, 74.071, 342.030)

Have a look what the booklet for
CIELCh(41, 74.071, 342.030)
contains.

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Color

CIELCh(41, 74.055, 341.810)

Conversions

Conversions Part 1

Format	Color
Hex	B70088
RGB	183, 0, 136
RGB Percent	72%, 0%, 53%
CMY	0.2820, 0.9988, 0.4663
CMYK	0.00, 1.00, 0.26, 0.28
HSL	315°, 100%, 36%
HSV	315°, 100%, 72%
XYZ	24.0033, 11.8645, 24.3476
YIQ	70.2210, 65.4120, 81.0920

Conversions

Conversions Part 2

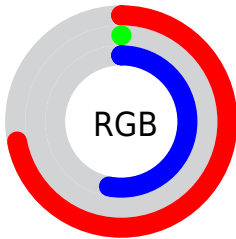
Format	Color
R_{YB}	183, 0, 136
Decimal	11993224
CIE _{Lab}	41.00, 70.35, -23.12
CIE _{LCh}	41, 74.055, 341.810
Yxy	11.8645, 0.3986, 0.1970
Android (android.graphics.Color)	4290183304 (0xFFB70088)
YUV	70.2210, 32.4290, 98.9072
Hunter-Lab	34.4449, 64.1108, -17.7981

Details

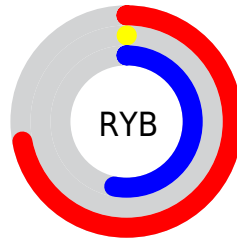
The CIELCh color **41, 74.055, 341.810** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **65, 84.964, 139.965**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 74.072, 341.670**, and **27, 54.373, 345.019** is the 20% darker color. If you saturate the color by 10%, you get **41, 74.065, 341.835**, and if you desaturate by 10%, it is **42, 73.108, 340.357**.

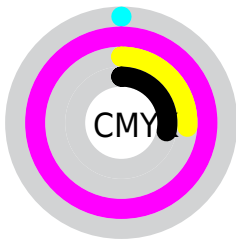
Distribution



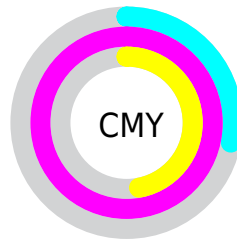
- Red (72%)
- Green (0%)
- Blue (53%)



- Red (72%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (28%)





- Cyan (28%)
- Magenta (100%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 74.055, 341.810 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, 74.055, 341.810 by changing the saturation by 10% instead.


 41, 74.055,
341.810


 41, 74.055,
341.810


 100, 74.055,
341.810


 31, 74.055,
341.810

 61, 74.055,
341.810


 21, 74.055,
341.810

 71, 74.055,
341.810

 11, 74.055,
341.810


 81, 74.055,
341.810

 1, 74.055, 341.810

 91, 74.055,
341.810

 0, 74.055, 341.810

 41, 74.055,

 41, 74.055,

341.810

341.810

■ 41, 74.065,
341.835

■ 42, 73.108,
340.357

■ 43, 70.289,
339.101

■ 46, 65.268,
338.022

■ 49, 58.332,
337.067

■ 52, 49.926,
336.199

■ 56, 40.523,
335.393

■ 60, 30.536,
334.634

■ 65, 20.287,
333.913

■ 70, 10.005,
333.218

Harmonies

Complementary

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



41, 74.055, 341.810



65, 84.964, 139.965

Rectangle

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



41, 74.055, 341.810



41, 74.055, 31.810



41, 74.055, 161.810



41, 74.055, 211.810

Sweetspot

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



41, 74.052, 341.810



76, 37.882, 334.683



24, 101.974, 307.736



38, 26.008, 334.998



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



41, 74.052, 341.810



53, 89.648, 342.125



38, 70.137, 25.350



36, 5.774, 333.183



35, 65.808, 341.617



3, 14.596, 336.959

Inverse Universe

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



41, 74.052, 341.810



53, 89.648, 342.125



66, 51.635, 166.124



36, 5.774, 333.183



35, 65.808, 341.617



3, 14.596, 336.959

Previews

White Background



This preview shows how the CIELCh color 41, 74.055, 341.810 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, 74.055, 341.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

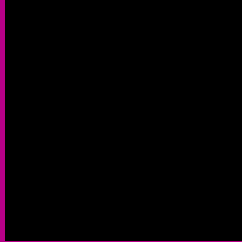
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 74.055, 341.810

Background



This preview shows how black text looks on a background with the CIELCh color 41, 74.055, 341.810.

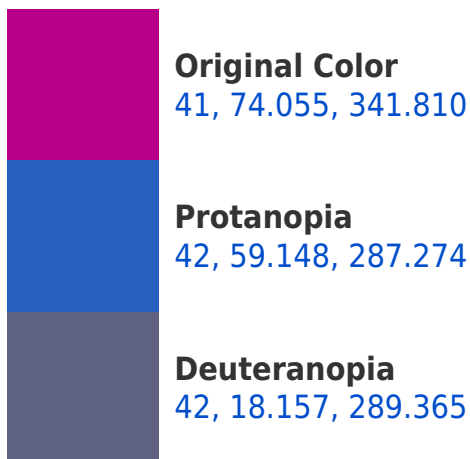


This preview shows how white text looks on a background with the CIELCh color 41, 74.055, 341.810.

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
42, 56.860, 28.971

Trichromacy



Original Color
41, 74.055, 341.810

Protanomaly
35, 68.783, 306.304

Deuteranomaly
37, 46.469, 325.275

Tritanomaly
40, 59.485, 7.360

Monochromacy



Original Color
41, 74.055, 341.810

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 38.854, 336.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 74.055, 341.810 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(183, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(183, 0, 136)  
}
```

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(183, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 0, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 74.055, 341.810 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(183, 0, 136) }
```

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

```
.border{ border-color:rgb(183, 0, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 0, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(183, 0,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 74.055, 341.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 0, 136) }
```

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

```
.background{ background-color: rgb(183, 0,  
136) }
```

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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