

Converting Colors

CIELCh(41, 70.458, 349.304)

Have a look what the booklet for
CIELCh(41, 70.458, 349.304)
contains.

CIELCh(41, 70.384, 349.164)	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, 70.384, 349.164)

Conversions

Conversions Part 1

Format	Color
Hex	BA0278
RGB	186, 2, 120
RGB Percent	73%, 1%, 47%
CMY	0.2697, 0.9934, 0.5287
CMYK	0.00, 0.99, 0.35, 0.27
HSL	321°, 98%, 37%
HSV	321°, 99%, 73%
XYZ	23.7252, 11.8645, 18.8707
YIQ	70.4680, 71.7860, 75.7060

Conversions

Conversions Part 2

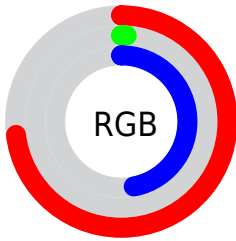
Format	Color
RYB	186, 2, 120
Decimal	12190328
CIELab	41.00, 69.13, -13.23
CIELCh	41, 70.384, 349.164
Yxy	11.8645, 0.4356, 0.2179
Android (android.graphics.Color)	4290380408 (0xFFBA0278)
YUV	70.4680, 24.4193, 101.3216
Hunter-Lab	34.4449, 62.6697, -8.3706

Details

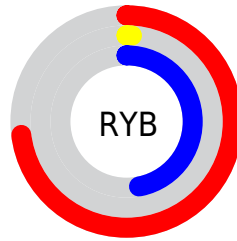
The CIELCh color **41, 70.384, 349.164** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **66, 79.758, 143.219**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 70.358, 349.409**, and **27, 51.552, 355.283** is the 20% darker color. If you saturate the color by 10%, you get **41, 70.443, 349.383**, and if you desaturate by 10%, it is **42, 69.474, 346.834**.

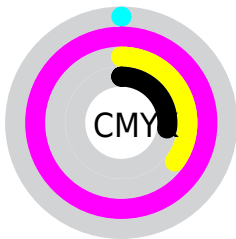
Distribution



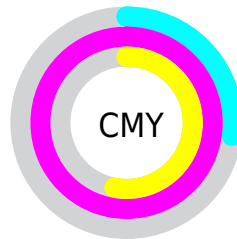
- Red (73%)
- Green (1%)
- Blue (47%)



- Red (73%)
- Yellow (1%)
- Blue (47%)



- Cyan (0%)
- Magenta (99%)
- Yellow (35%)
- Black (27%)





- Cyan (27%)
- Magenta (99%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 70.384, 349.164 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, 70.384, 349.164 by changing the saturation by 10% instead.


 41, 70.384,
349.164


 41, 70.384,
349.164


 100, 70.384,
349.164


 31, 70.384,
349.164

 61, 70.384,
349.164


 21, 70.384,
349.164

 71, 70.384,
349.164

 11, 70.384,
349.164

 81, 70.384,
349.164

 1, 70.384, 349.164

 91, 70.384,
349.164

 0, 70.384, 349.164

 41, 70.384,

 41, 70.384,

349.164

349.164

■ 41, 70.443,
349.383

■ 42, 69.474,
346.834

■ 44, 66.659,
344.906

■ 46, 61.709,
343.328

■ 49, 54.930,
342.007

■ 53, 46.782,
340.870

■ 57, 37.736,
339.864

■ 61, 28.190,
338.956

■ 66, 18.449,
338.121

Harmonies

Complementary

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



41, 70.384, 349.164



66, 79.758, 143.219

Rectangle

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



41, 70.384, 349.164



41, 70.384, 39.164



41, 70.384, 169.164



41, 70.384, 219.164

Sweetspot

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



41, 70.381, 349.165



78, 35.990, 339.078



26, 101.165, 309.040



39, 24.727, 339.457



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



41, 70.381, 349.165



53, 85.543, 349.864



39, 75.368, 32.588



37, 5.497, 337.356



34, 62.558, 349.026



3, 15.339, 343.176

Inverse Universe

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



41, 70.381, 349.165



53, 85.543, 349.864



68, 45.979, 176.351



37, 5.497, 337.356



34, 62.558, 349.026



3, 15.339, 343.176

Previews

White Background



This preview shows how the CIELCh color 41, 70.384, 349.164 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, 70.384, 349.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

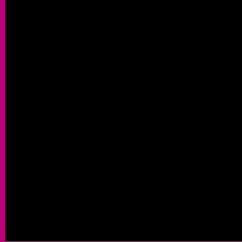
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 70.384, 349.164

Background



This preview shows how black text looks on a background with the CIELCh color 41, 70.384, 349.164.

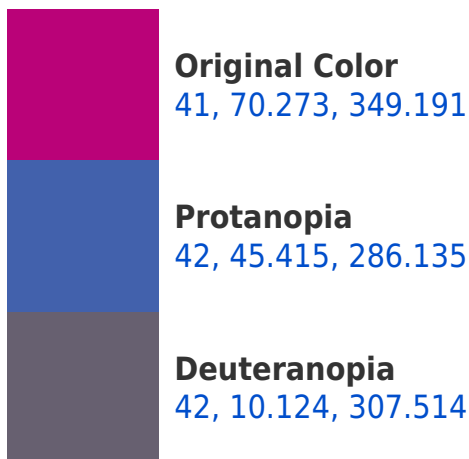


This preview shows how white text looks on a background with the CIELCh color 41, 70.384, 349.164.

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, 62.132, 30.970

Trichromacy



Original Color
41, 70.273, 349.191

Protanomaly
36, 57.203, 312.816

Deuteranomaly
37, 41.099, 336.219

Tritanomaly
41, 62.165, 13.755

Monochromacy



Original Color
41, 70.273, 349.191

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 36.896, 341.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 70.384, 349.164 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(186, 2, 120)` looks like.

```
.text, #text, p{  
    color:rgb(186, 2, 120)  
}
```

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(186, 2, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 2, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 70.384, 349.164 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(186, 2, 120) }
```

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

```
.border{ border-color:rgb(186, 2, 120) }
```

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

Here you see how a box with a 4 pixel rgb(186, 2, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 2, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 2, 120);  
box-shadow:4px 4px 4px 4px rgb(186, 2,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 70.384, 349.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 2, 120) }
```

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

```
.background{ background-color: rgb(186, 2,  
120) }
```

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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