

Converting Colors

CIELCh(41, 69.683, 347.564)

Have a look what the booklet for
CIELCh(41, 69.683, 347.564)
contains.

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Color

CIELCh(41, 69.635, 347.535)

Conversions

Conversions Part 1

Format	Color
Hex	B80B7B
RGB	184, 11, 123
RGB Percent	72%, 4%, 48%
CMY	0.2783, 0.9565, 0.5176
CMYK	0.00, 0.94, 0.33, 0.28
HSL	321°, 89%, 38%
HSV	321°, 94%, 72%
XYZ	23.4694, 11.8645, 19.7984
YIQ	75.4950, 67.1560, 71.5080

Conversions

Conversions Part 2

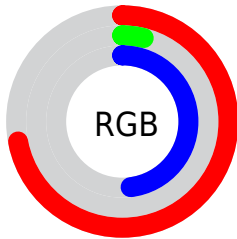
Format	Color
RYB	184, 11, 123
Decimal	12061563
CIELab	41.00, 67.99, -15.03
CIELCh	41, 69.635, 347.535
Yxy	11.8645, 0.4257, 0.2152
Android (android.graphics.Color)	4290251643 (0xFFB80B7B)
YUV	75.4950, 23.4200, 95.1589
Hunter-Lab	34.4449, 61.3442, -9.9675

Details

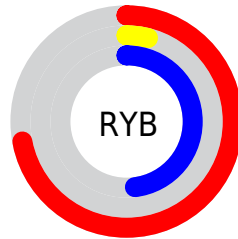
The CIELCh color **41, 69.635, 347.535** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **66, 76.877, 144.077**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 69.755, 347.273**, and **26, 51.659, 352.440** is the 20% darker color. If you saturate the color by 10%, you get **40, 70.025, 348.948**, and if you desaturate by 10%, it is **42, 67.881, 345.446**.

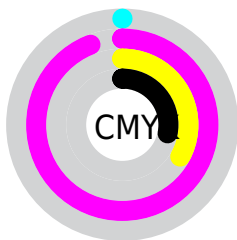
Distribution



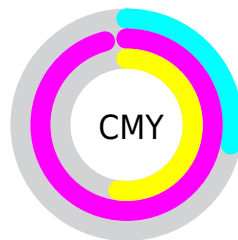
- Red (72%)
- Green (4%)
- Blue (48%)



- Red (72%)
- Yellow (4%)
- Blue (48%)



- Cyan (0%)
- Magenta (94%)
- Yellow (33%)
- Black (28%)





- Cyan (28%)
- Magenta (96%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 69.635, 347.535 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, 69.635, 347.535 by changing the saturation by 10% instead.


 41, 69.635,
347.535


 41, 69.635,
347.535


 100, 69.635,
347.535


 31, 69.635,
347.535

 61, 69.635,
347.535


 21, 69.635,
347.535

 71, 69.635,
347.535


 11, 69.635,
347.535


 81, 69.635,
347.535

 1, 69.635, 347.535

 91, 69.635,
347.535

 0, 69.635, 347.535

 41, 69.635,

 41, 69.635,

347.535

347.535

■ 40, 70.025,
348.948

■ 42, 67.881,
345.446

■ 44, 63.967,
343.747

■ 47, 58.064,
342.338

■ 50, 50.572,
341.138

■ 54, 41.966,
340.087

■ 59, 32.682,
339.146

■ 63, 23.067,
338.286

■ 68, 13.375,
337.487

Harmonies

Complementary

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



41, 69.635, 347.535



66, 76.877, 144.077

Rectangle

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



41, 69.635, 347.535



41, 69.635, 37.535



41, 69.635, 167.535



41, 69.635, 217.535

Sweetspot

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



41, 69.632, 347.536



78, 33.421, 338.663



27, 97.725, 309.156



39, 23.046, 339.037



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, 69.632, 347.536



53, 85.103, 349.425



39, 71.824, 30.123



36, 5.393, 337.128



34, 62.002, 348.586



3, 13.476, 342.300

Inverse Universe

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



41, 69.632, 347.536



53, 85.103, 349.425



67, 44.815, 177.140



36, 5.393, 337.128



34, 62.002, 348.586



3, 13.476, 342.300

Previews

White Background



This preview shows how the CIELCh color 41, 69.635, 347.535 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, 69.635, 347.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

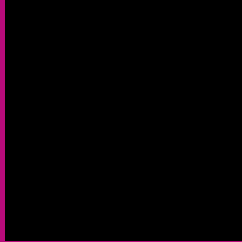
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 69.635, 347.535

Background



This preview shows how black text looks on a background with the CIELCh color 41, 69.635, 347.535.



This preview shows how white text looks on a background with the CIELCh color 41, 69.635, 347.535.

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, 69.635, 347.535

Protanopia

42, 47.864, 286.475

Deuteranopia

42, 11.652, 299.547



Tritanopia
41, 60.159, 30.087

Trichromacy



Original Color
41, 69.635, 347.535

Protanomaly
36, 56.862, 310.502

Deuteranomaly
38, 40.044, 333.635

Tritanomaly
41, 60.132, 12.640

Monochromacy



Original Color
41, 69.635, 347.535

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 35.144, 340.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 69.635, 347.535 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(184, 11, 123)` looks like.

```
.text, #text, p{  
    color:rgb(184, 11, 123)  
}
```

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(184, 11, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 11, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 69.635, 347.535 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(184, 11, 123) }
```

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

```
.border{ border-color:rgb(184, 11, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 11, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 11, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 11, 123);  
box-shadow:4px 4px 4px 4px rgb(184, 11,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 69.635, 347.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 11, 123) }
```

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

```
.background{ background-color: rgb(184, 11,  
123) }
```

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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