

Converting Colors

CIELCh(46, 70.617, 348.236)

Have a look what the booklet for
CIELCh(46, 70.617, 348.236)
contains.

CIELCh(46, 70.727, 348.255)	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(46, 70.727, 348.255)

Conversions

Conversions Part 1

Format	Color
Hex	C92287
RGB	201, 34, 135
RGB Percent	79%, 13%, 53%
CMY	0.2124, 0.8676, 0.4712
CMYK	0.00, 0.83, 0.33, 0.21
HSL	324°, 71%, 46%
HSV	324°, 83%, 79%
XYZ	28.9691, 15.2687, 24.2875
YIQ	95.4470, 67.1110, 66.8150

Conversions

Conversions Part 2

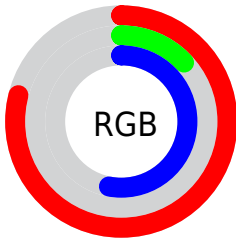
Format	Color
R_{YB}	201, 34, 135
Decimal	13181575
CIE _{Lab}	46.00, 69.25, -14.40
CIE _{LCh}	46, 70.727, 348.255
Yxy	15.2687, 0.4228, 0.2228
Android (android.graphics.Color)	4291371655 (0xFFC92287)
YUV	95.4470, 19.4996, 92.5700
Hunter-Lab	39.0751, 63.9530, -9.4996

Details

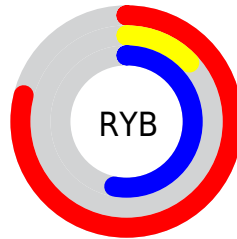
The CIELCh color **46, 70.727, 348.255** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **72, 73.408, 147.835**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 69.213, 346.654**, and **30, 56.696, 352.301** is the 20% darker color. If you saturate the color by 10%, you get **45, 72.687, 350.716**, and if you desaturate by 10%, it is **48, 66.489, 346.280**.

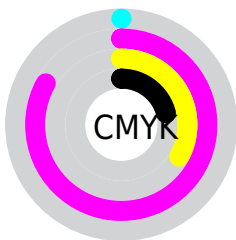
Distribution



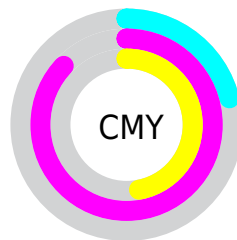
- Red (79%)
- Green (13%)
- Blue (53%)



- Red (79%)
- Yellow (13%)
- Blue (53%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (21%)





- Cyan (21%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 70.727, 348.255 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 46, 70.727, 348.255 by changing the saturation by 10% instead.


 46, 70.727,
348.255


 46, 70.727,
348.255


 100, 70.727,
348.255


 36, 70.727,
348.255

 66, 70.727,
348.255


 26, 70.727,
348.255

 76, 70.727,
348.255

 16, 70.727,
348.255

 86, 70.727,
348.255

 6, 70.727, 348.255

 96, 70.727,
348.255

 0, 70.727, 348.255

 46, 70.727,

 46, 70.727,

348.255

■ 45, 72.687,
350.716

■ 44, 73.098,
352.651

348.255

■ 48, 66.489,
346.280

■ 51, 60.173,
344.669

■ 55, 52.212,
343.321

■ 59, 43.116,
342.161

■ 64, 33.350,
341.138

■ 69, 23.276,
340.217

■ 74, 13.153,
339.370

■ 79, 3.153, 338.512

Harmonies

Complementary

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



46, 70.727, 348.255



72, 73.408, 147.835

Rectangle

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



46, 70.727, 348.255



46, 70.727, 38.255



46, 70.727, 168.255



46, 70.727, 218.255

Sweetspot

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



46, 70.724, 348.256



84, 30.485, 340.409



34, 96.610, 309.847



43, 20.812, 340.734



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 70.724, 348.256



56, 87.287, 353.132



44, 71.272, 27.595



39, 5.592, 339.058



35, 62.831, 352.148



4, 19.088, 346.473

Inverse Universe

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



46, 70.724, 348.256



56, 87.287, 353.132



73, 44.308, 182.217



39, 5.592, 339.058



35, 62.831, 352.148



4, 19.088, 346.473

Previews

White Background



This preview shows how the CIELCh color 46, 70.727, 348.255 looks on a white background.

Color Contrast Check

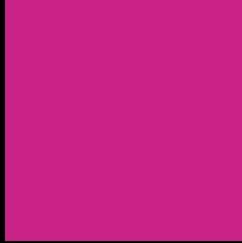
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 70.727, 348.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

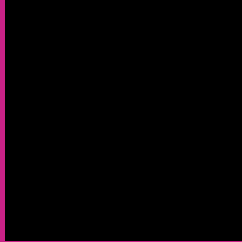
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 70.727, 348.255

Background



This preview shows how black text looks on a background with the CIELCh color 46, 70.727, 348.255.

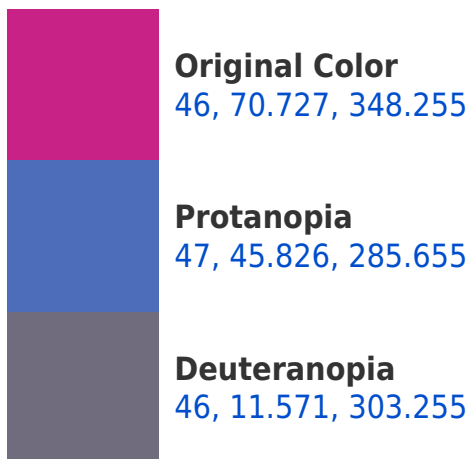


This preview shows how white text looks on a background with the CIELCh color 46, 70.727, 348.255.

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
46, 61.530, 28.711

Trichromacy



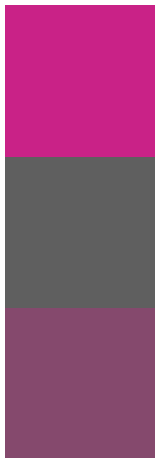
Original Color
46, 70.727, 348.255

Protanomaly
42, 53.066, 310.930

Deuteranomaly
43, 37.785, 335.258

Tritanomaly
46, 61.273, 12.474

Monochromacy



Original Color
46, 70.727, 348.255

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 32.059, 342.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 70.727, 348.255 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(201, 34, 135)` looks like.

```
.text, #text, p{  
    color:rgb(201, 34, 135)  
}
```

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(201, 34, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 34, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 70.727, 348.255 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(201, 34, 135) }
```

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

```
.border{ border-color:rgb(201, 34, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 34, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 34, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 34, 135);  
box-shadow:4px 4px 4px 4px rgb(201, 34,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 70.727, 348.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 34, 135) }
```

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

```
.background{ background-color: rgb(201, 34,  
135) }
```

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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