

Converting Colors

CIELCh(46, 70.356, 343.764)

Have a look what the booklet for
CIELCh(46, 70.356, 343.764)
contains.

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Color

CIELCh(46, 70.291, 343.905)

Conversions

Conversions Part 1

Format	Color
Hex	C4288F
RGB	196, 40, 143
RGB Percent	77%, 16%, 56%
CMY	0.2309, 0.8424, 0.4388
CMYK	0.00, 0.80, 0.27, 0.23
HSL	320°, 66%, 46%
HSV	320°, 80%, 77%
XYZ	28.5296, 15.2687, 27.4751
YIQ	98.3860, 59.9130, 65.1050

Conversions

Conversions Part 2

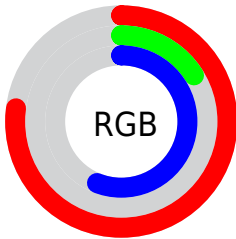
Format	Color
R _Y B	196, 40, 143
Decimal	12855439
CIE Lab	46.00, 67.54, -19.49
CIE LCh	46, 70.291, 343.905
Yxy	15.2687, 0.4003, 0.2142
Android (android.graphics.Color)	4291045519 (0xFFC4288F)
YUV	98.3860, 21.9947, 85.6075
Hunter-Lab	39.0751, 61.9453, -14.3363

Details

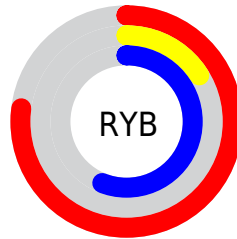
The CIELCh color **46, 70.291, 343.905** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **70, 73.096, 146.395**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 70.129, 343.522**, and **30, 57.557, 346.812** is the 20% darker color. If you saturate the color by 10%, you get **44, 73.073, 345.735**, and if you desaturate by 10%, it is **48, 65.234, 342.402**.

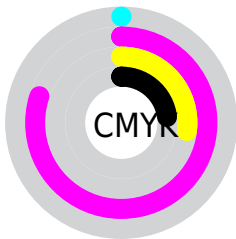
Distribution



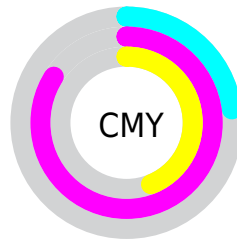
- Red (77%)
- Green (16%)
- Blue (56%)



- Red (77%)
- Yellow (16%)
- Blue (56%)



- Cyan (0%)
- Magenta (80%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (84%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 70.291, 343.905 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, 70.291, 343.905 by changing the saturation by 10% instead.


 46, 70.291,
343.905


 46, 70.291,
343.905


 100, 70.291,
343.905


 36, 70.291,
343.905

 66, 70.291,
343.905


 26, 70.291,
343.905

 76, 70.291,
343.905

 16, 70.291,
343.905

 86, 70.291,
343.905

 6, 70.291, 343.905

 96, 70.291,
343.905

 0, 70.291, 343.905

 46, 70.291,

 46, 70.291,

343.905

■ 44, 73.073,
345.735

■ 43, 73.866,
347.935

■ 43, 73.893,
348.046

343.905

■ 48, 65.234,
342.402

■ 52, 58.218,
341.135

■ 55, 49.719,
340.037

■ 60, 40.233,
339.061

■ 64, 30.190,
338.175

■ 69, 19.918,
337.356

■ 74, 9.646, 336.584

■ 79, 0.480, 156.638

■ 85, 10.370,
155.291

Harmonies

Complementary

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



46, 70.291, 343.905



70, 73.096, 146.395

Rectangle

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



46, 70.291, 343.905



46, 70.291, 33.905



46, 70.291, 163.905



46, 70.291, 213.905

Sweetspot

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



46, 70.288, 343.906



85, 30.369, 337.747



34, 92.075, 308.694



43, 20.872, 338.046



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, 70.288, 343.906



57, 89.771, 347.255



44, 65.667, 22.166



38, 5.691, 336.572



35, 63.913, 347.655



3, 17.658, 342.618

Inverse Universe

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



46, 70.288, 343.906



57, 89.771, 347.255



71, 44.769, 177.482



38, 5.691, 336.572



35, 63.913, 347.655



3, 17.658, 342.618

Previews

White Background



This preview shows how the CIELCh color 46, 70.291, 343.905 looks on a white background.

Color Contrast Check

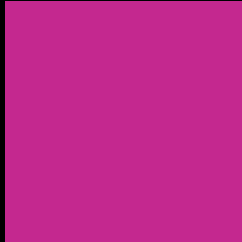
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.291, 343.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

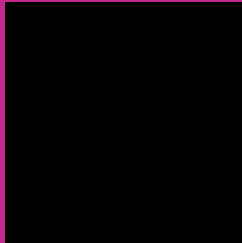
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 70.291, 343.905

Background



This preview shows how black text looks on a background with the CIELCh color 46, 70.291, 343.905.

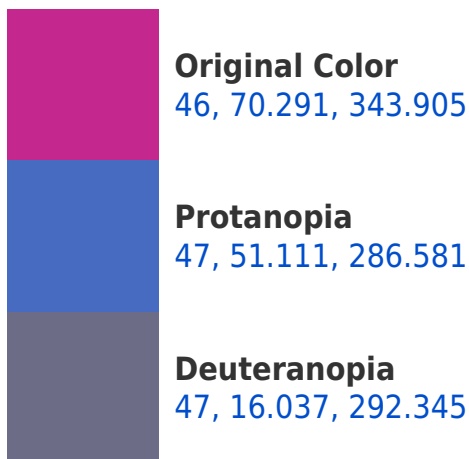


This preview shows how white text looks on a background with the CIELCh color 46, 70.291, 343.905.

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, 55.895, 26.662

Trichromacy



Original Color
46, 70.291, 343.905

Protanomaly
43, 55.995, 307.795

Deuteranomaly
44, 38.673, 327.554

Tritanomaly
46, 56.827, 8.205

Monochromacy



Original Color
46, 70.291, 343.905

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 31.167, 339.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 70.291, 343.905 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(196, 40, 143)` looks like.

```
.text, #text, p{  
    color:rgb(196, 40, 143)  
}
```

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(196, 40, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 40, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 70.291, 343.905 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(196, 40, 143) }
```

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

```
.border{ border-color:rgb(196, 40, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 40, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 40, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 40, 143);  
box-shadow:4px 4px 4px 4px rgb(196, 40,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 70.291, 343.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 40, 143) }
```

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

```
.background{ background-color: rgb(196, 40,  
143) }
```

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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