

Converting Colors

CIELCh(70, 36.726, 343.528)

Have a look what the booklet for
CIELCh(70, 36.726, 343.528)
contains.

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Color

CIELCh(70, 36.601, 343.683)

Conversions

Conversions Part 1

Format	Color
Hex	E194BF
RGB	225, 148, 191
RGB Percent	88%, 58%, 75%
CMY	0.1192, 0.4211, 0.2525
CMYK	0.00, 0.34, 0.15, 0.12
HSL	326°, 56%, 73%
HSV	326°, 34%, 88%
XYZ	50.8180, 40.7494, 54.2553
YIQ	175.9250, 32.0890, 29.6970

Conversions

Conversions Part 2

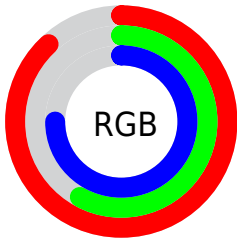
Format	Color
R _{YB}	225, 148, 191
Decimal	14783679
CIE Lab	70.00, 35.13, -10.28
CIE LCh	70, 36.601, 343.683
Yxy	40.7494, 0.3485, 0.2794
Android (android.graphics.Color)	4292973759 (0xFFE194BF)
YUV	175.9250, 7.4320, 43.0388
Hunter-Lab	63.8353, 30.3885, -5.7075

Details

The CIELCh color **70, 36.601, 343.683** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84, 35.511, 157.463**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 29.350, 330.207**, and **50, 36.537, 343.211** is the 20% darker color. If you saturate the color by 10%, you get **65, 46.975, 344.830**, and if you desaturate by 10%, it is **75, 25.879, 342.671**.

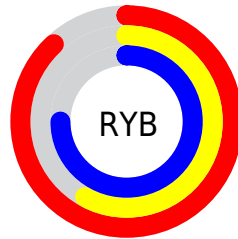
Distribution



Red (88%)

Green (58%)

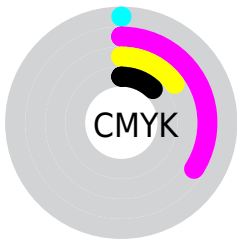
Blue (75%)



Red (88%)

Yellow (58%)

Blue (75%)

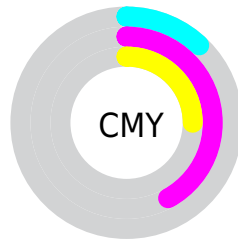


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (12%)



Cyan (12%)


Magenta (42%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 36.601, 343.683 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 70, 36.601, 343.683 by changing the saturation by 10% instead.


 70, 36.601,
343.683


 70, 36.601,
343.683


 100, 36.601,
343.683


 60, 36.601,
343.683


 90, 36.601,
343.683

 50, 36.601,
343.683

 40, 36.601,
343.683

 30, 36.601,
343.683

 20, 36.601,
343.683

 10, 36.601,
343.683

 0, 36.601, 343.683

70, 36.601,
343.683

70, 36.601,
343.683

65, 46.975,
344.830

75, 25.879,
342.671

60, 56.600,
346.156

81, 15.108,
341.754

56, 64.957,
347.731

87, 4.475, 340.866

53, 71.491,
349.656

93, 5.908, 160.277

51, 75.757,
352.058

98, 13.091,
163.367

49, 77.631,
355.084

98, 10.738,
185.309

49, 77.980,
357.071

98, 10.305,
198.819

Harmonies

Complementary

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



70, 36.601, 343.683



84, 35.511, 157.463

Rectangle

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



70, 36.601, 343.683



70, 36.601, 33.683



70, 36.601, 163.683



70, 36.601, 213.683

Sweetspot

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



70, 36.598, 343.684



93, 11.689, 341.388



67, 44.124, 308.583



49, 7.986, 341.511



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 36.598, 343.684



75, 48.366, 344.472



69, 31.104, 17.434



44, 5.979, 341.334



38, 65.132, 356.423



6, 27.111, 350.446

Inverse Universe

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



70, 36.598, 343.684



75, 48.366, 344.472



85, 25.260, 191.494



44, 5.979, 341.334



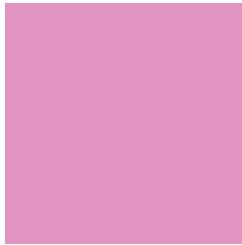
38, 65.132, 356.423



6, 27.111, 350.446

Previews

White Background



This preview shows how the CIELCh color 70, 36.601, 343.683 looks on a white background.

Color Contrast Check

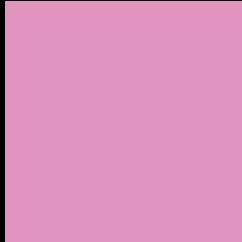
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 36.601, 343.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

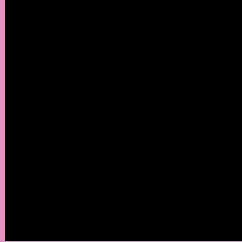
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 36.601, 343.683

Background



This preview shows how black text looks on a background with the CIELCh color 70, 36.601, 343.683.

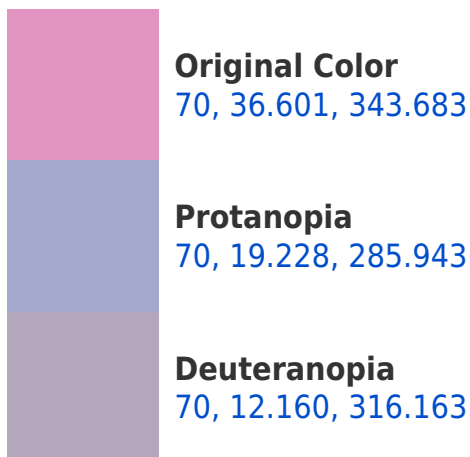



This preview shows how white text looks on a background with the CIELCh color 70, 36.601, 343.683.

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
70, 28.229, 8.995

Trichromacy



Original Color
70, 36.601, 343.683



Protanomaly
70, 22.641, 314.328



Deuteranomaly
70, 20.582, 333.304



Tritanomaly
70, 30.779, 357.665

Monochromacy



Original Color
70, 36.601, 343.683



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 13.361, 342.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 36.601, 343.683 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(225, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(225, 148, 191)  
}
```

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(225, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 148, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 36.601, 343.683 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(225, 148, 191) }
```

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

```
.border{ border-color:rgb(225, 148, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(225, 148,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 36.601, 343.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 148, 191) }
```

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

```
.background{ background-color: rgb(225,  
148, 191) }
```

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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