

Converting Colors

CIELCh(70, 33.388, 347.170)

Have a look what the booklet for
CIELCh(70, 33.388, 347.170)
contains.

CIELCh(70, 33.445, 347.176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 33.445, 347.176)

Conversions

Conversions Part 1

Format	Color
Hex	DE95B9
RGB	222, 149, 185
RGB Percent	87%, 58%, 73%
CMY	0.1276, 0.4140, 0.2728
CMYK	0.00, 0.33, 0.17, 0.13
HSL	330°, 53%, 73%
HSV	330°, 33%, 87%
XYZ	49.8786, 40.7494, 51.3723
YIQ	174.9310, 31.9520, 26.6720

Conversions

Conversions Part 2

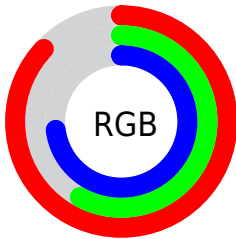
Format	Color
R _Y B	222, 149, 185
Decimal	14587321
CIE Lab	70.00, 32.61, -7.42
CIE LCh	70, 33.445, 347.176
Yxy	40.7494, 0.3513, 0.2870
Android (android.graphics.Color)	4292777401 (0xFFDE95B9)
YUV	174.9310, 4.9640, 41.2795
Hunter-Lab	63.8353, 27.7619, -3.0298

Details

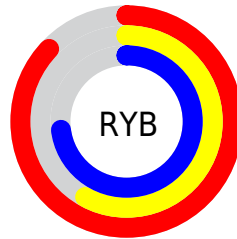
The CIELCh color $70, 33.445, 347.176$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 32.076, 160.903$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 26.453, 334.644$, and $50, 33.587, 347.318$ is the 20% darker color. If you saturate the color by 10%, you get $65, 43.512, 348.439$, and if you desaturate by 10%, it is $75, 23.147, 346.078$.

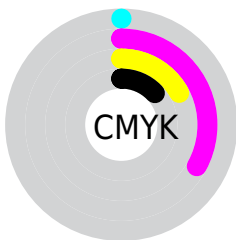
Distribution



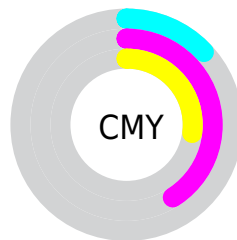
- Red (87%)
- Green (58%)
- Blue (73%)



- Red (87%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 33.445, 347.176 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, 33.445, 347.176 by changing the saturation by 10% instead.


 70, 33.445,
347.176


 70, 33.445,
347.176


 100, 33.445,
347.176


 60, 33.445,
347.176


 90, 33.445,
347.176

 50, 33.445,
347.176

 40, 33.445,
347.176

 30, 33.445,
347.176

 20, 33.445,
347.176

 10, 33.445,
347.176

 0, 33.445, 347.176

70, 33.445,
347.176

70, 33.445,
347.176

65, 43.512,
348.439

75, 23.147,
346.078

60, 52.986,
349.924

81, 12.882,
345.095

56, 61.384,
351.715

87, 2.808, 344.103

93, 6.983, 163.536

53, 68.174,
353.934

97, 13.219,
167.981

50, 72.911,
356.733

98, 11.107,
193.721

49, 75.446, 0.277

98, 11.006,
198.771

48, 76.303, 3.251

Harmonies

Complementary

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



70, 33.445, 347.176



83, 32.076, 160.903

Rectangle

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



70, 33.445, 347.176



70, 33.445, 37.176



70, 33.445, 167.176



70, 33.445, 217.176

Sweetspot

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



70, 33.442, 347.177



93, 11.181, 344.837



68, 42.248, 310.686



49, 7.641, 344.970



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, 33.442, 347.177



76, 44.350, 347.972



69, 29.706, 22.281



44, 5.719, 344.779



38, 64.108, 2.494



6, 26.362, 355.251

Inverse Universe

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



70, 33.442, 347.177



76, 44.350, 347.972



84, 23.661, 197.800



44, 5.719, 344.779



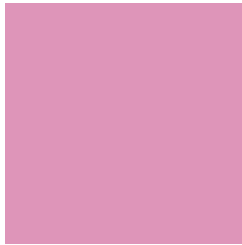
38, 64.108, 2.494



6, 26.362, 355.251

Previews

White Background



This preview shows how the CIELCh color 70, 33.445, 347.176 looks on a white background.

Color Contrast Check

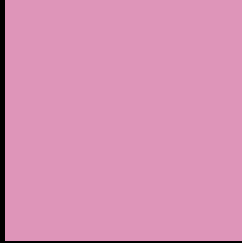
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 33.445, 347.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

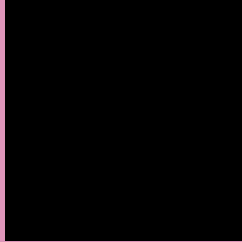
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 33.445, 347.176

Background



This preview shows how black text looks on a background with the CIELCh color 70, 33.445, 347.176.



This preview shows how white text looks on a background with the CIELCh color 70, 33.445, 347.176.

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, 27.031, 8.249

Trichromacy



Original Color
70, 33.445, 347.176

Protanomaly
70, 19.177, 318.716

Deuteranomaly
70, 18.728, 339.050

Tritanomaly
70, 28.667, 0.182

Monochromacy



Original Color
70, 33.445, 347.176

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.128, 344.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 33.445, 347.176 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(222, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(222, 149, 185)  
}
```

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(222, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 149, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 33.445, 347.176 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(222, 149, 185) }
```

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

```
.border{ border-color:rgb(222, 149, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 149, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 149, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 149, 185);  
box-shadow:4px 4px 4px 4px rgb(222, 149,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 33.445, 347.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 149, 185) }
```

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

```
.background{ background-color: rgb(222,  
149, 185) }
```

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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