

Converting Colors

CIELCh(70, 28.444, 347.326)

Have a look what the booklet for
CIELCh(70, 28.444, 347.326)
contains.

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Color

CIELCh(70, 28.387, 347.244)

Conversions

Conversions Part 1

Format	Color
Hex	D799B7
RGB	215, 153, 183
RGB Percent	84%, 60%, 72%
CMY	0.1561, 0.3992, 0.2816
CMYK	0.00, 0.29, 0.15, 0.16
HSL	331°, 44%, 72%
HSV	331°, 29%, 84%
XYZ	48.0738, 40.7494, 50.2370
YIQ	174.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

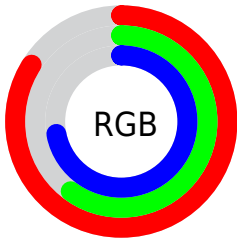
Format	Color
R_{YB}	215, 153, 183
Decimal	14129591
CIE Lab	70.00, 27.69, -6.27
CIE LCh	70, 28.387, 347.244
Yxy	40.7494, 0.3457, 0.2930
Android (android.graphics.Color)	4292319671 (0xFFD799B7)
YUV	174.9580, 3.9647, 35.1168
Hunter-Lab	63.8353, 22.7150, -1.9753

Details

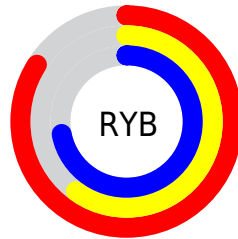
The CIELCh color $70, 28.387, 347.244$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 27.309, 161.848$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 23.265, 337.315$, and $50, 28.389, 347.105$ is the 20% darker color. If you saturate the color by 10%, you get $65, 38.273, 348.450$, and if you desaturate by 10%, it is $75, 18.399, 346.188$.

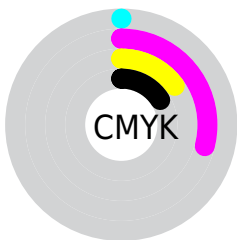
Distribution



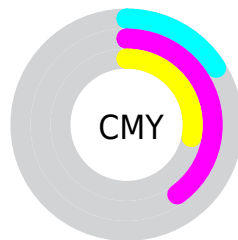
- Red (84%)
- Green (60%)
- Blue (72%)



- Red (84%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (40%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 28.387, 347.244 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, 28.387, 347.244 by changing the saturation by 10% instead.

 70, 28.387,
347.244

 70, 28.387,
347.244

 100, 28.387,
347.244

 60, 28.387,
347.244


 90, 28.387,
347.244

 50, 28.387,
347.244

 40, 28.387,
347.244

 30, 28.387,
347.244

 20, 28.387,
347.244

 10, 28.387,
347.244

 0, 28.387, 347.244

70, 28.387,
347.244

70, 28.387,
347.244

65, 38.273,
348.450

75, 18.399,
346.188

60, 47.756,
349.856

81, 8.522, 345.228

87, 1.122, 164.827

56, 56.410,
351.537

93, 10.467,
163.718

52, 63.733,
353.603

97, 16.183,
167.479

49, 69.238,
356.194

97, 13.785,
187.523

48, 72.641,
359.480

97, 13.347,
198.615

46, 74.199, 3.545

46, 74.363, 4.046

Harmonies

Complementary

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



70, 28.387, 347.244



81, 27.309, 161.848

Rectangle

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



70, 28.387, 347.244



70, 28.387, 37.244



70, 28.387, 167.244



70, 28.387, 217.244

Sweetspot

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



70, 28.384, 347.246



94, 9.989, 345.254



68, 35.932, 310.466



49, 6.954, 345.392



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, 28.384, 347.246



78, 39.626, 348.012



69, 25.003, 21.770



42, 5.471, 345.285



36, 62.662, 3.264



5, 23.371, 355.351

Inverse Universe

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



70, 28.384, 347.246



78, 39.626, 348.012



82, 20.548, 197.978



42, 5.471, 345.285



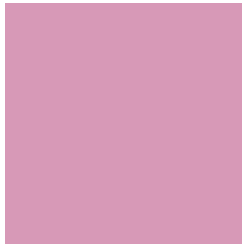
36, 62.662, 3.264



5, 23.371, 355.351

Previews

White Background



This preview shows how the CIELCh color 70, 28.387, 347.244 looks on a white background.

Color Contrast Check

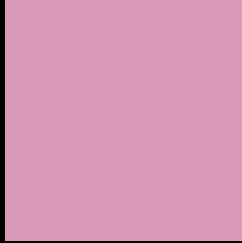
Large Text (above 18pt) WCAG AA × Fail

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, 28.387, 347.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

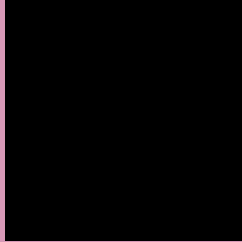
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.387, 347.244

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.387, 347.244.




This preview shows how white text looks on a background with the CIELCh color 70, 28.387, 347.244.

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, 23.098, 5.346

Trichromacy



Original Color
70, 28.387, 347.244

Protanomaly
70, 16.263, 319.633

Deuteranomaly
70, 17.181, 339.124

Tritanomaly
70, 24.846, 357.406

Monochromacy



Original Color
70, 28.387, 347.244

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.580, 345.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.387, 347.244 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(215, 153, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 153, 183)  
}
```

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(215, 153, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 153, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.387, 347.244 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(215, 153, 183) }
```

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

```
.border{ border-color:rgb(215, 153, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 153, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 153,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.387, 347.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 153, 183) }
```

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

```
.background{ background-color: rgb(215,  
153, 183) }
```

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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