

Converting Colors

CIELCh(70, 27.101, 343.993)

Have a look what the booklet for
CIELCh(70, 27.101, 343.993)
contains.

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Color

CIELCh(70, 26.830, 344.638)

Conversions

Conversions Part 1

Format	Color
Hex	D49BB9
RGB	212, 155, 185
RGB Percent	83%, 61%, 73%
CMY	0.1701, 0.3936, 0.2760
CMYK	0.00, 0.27, 0.13, 0.17
HSL	328°, 40%, 72%
HSV	328°, 27%, 83%
XYZ	47.4197, 40.7494, 51.0605
YIQ	175.4630, 24.3420, 21.4140

Conversions

Conversions Part 2

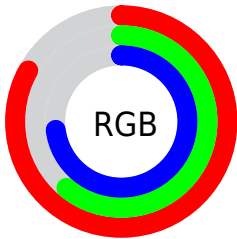
Format	Color
R _Y B	212, 155, 185
Decimal	13933497
CIE Lab	70.00, 25.87, -7.11
CIE LCh	70, 26.830, 344.638
Yxy	40.7494, 0.3406, 0.2927
Android (android.graphics.Color)	4292123577 (0xFFD49BB9)
YUV	175.4630, 4.7017, 32.0429
Hunter-Lab	63.8353, 20.8860, -2.7402

Details

The CIELCh color $70, 26.830, 344.638$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 26.056, 159.849$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 22.727, 335.982$, and $50, 27.088, 344.771$ is the 20% darker color. If you saturate the color by 10%, you get $65, 36.821, 345.735$, and if you desaturate by 10%, it is $75, 16.749, 343.662$.

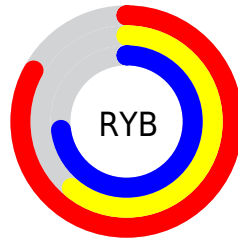
Distribution



Red (83%)

Green (61%)

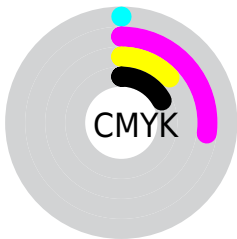
Blue (73%)



Red (83%)

Yellow (61%)

Blue (73%)

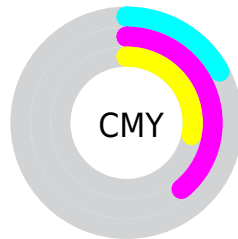


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (17%)



Cyan (17%)


Magenta (39%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.830, 344.638 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, 26.830, 344.638 by changing the saturation by 10% instead.


 70, 26.830,
344.638


 70, 26.830,
344.638


 100, 26.830,
344.638


 60, 26.830,
344.638


 90, 26.830,
344.638

 50, 26.830,
344.638

 40, 26.830,
344.638

 30, 26.830,
344.638

 20, 26.830,
344.638

 10, 26.830,
344.638

 0, 26.830, 344.638

70, 26.830,
344.638

70, 26.830,
344.638

65, 36.821,
345.735

75, 16.749,
343.662

60, 46.436,
346.993

81, 6.780, 342.755

87, 2.961, 162.164

56, 55.263,
348.472

92, 12.412,
161.331

52, 62.806,
350.258

97, 18.390,
163.975

49, 68.557,
352.471

97, 15.765,
179.001

47, 72.159,
355.258

97, 14.497,
198.118

46, 73.647,
358.758

97, 14.489,
198.540

46, 73.941,

359.917

Harmonies

Complementary

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



70, 26.830, 344.638



80, 26.056, 159.849

Rectangle

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



70, 26.830, 344.638



70, 26.830, 34.638



70, 26.830, 164.638



70, 26.830, 214.638

Sweetspot

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



70, 26.827, 344.640



95, 9.126, 342.861



68, 32.867, 309.248



50, 6.497, 342.998



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, 26.827, 344.640



80, 37.145, 345.216



69, 22.786, 18.983



41, 5.518, 342.979



36, 62.461, 359.216



5, 22.092, 352.226

Inverse Universe

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



70, 26.827, 344.640



80, 37.145, 345.216



81, 19.217, 195.015



41, 5.518, 342.979



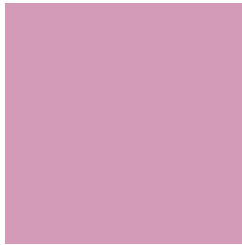
36, 62.461, 359.216



5, 22.092, 352.226

Previews

White Background



This preview shows how the CIELCh color 70, 26.830, 344.638 looks on a white background.

Color Contrast Check

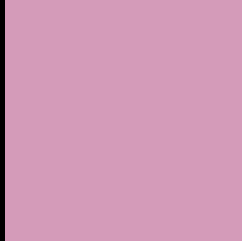
Large Text (above 18pt) WCAG AA × Fail

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, 26.830, 344.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

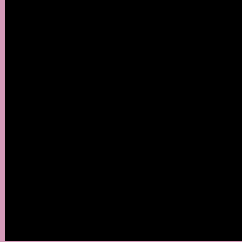
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.830, 344.638

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.830, 344.638.



This preview shows how white text looks on a background with the CIELCh color 70, 26.830, 344.638.

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, 21.556, 3.953

Trichromacy



Original Color
70, 26.830, 344.638

Protanomaly
70, 16.579, 317.597

Deuteranomaly
70, 16.349, 336.329

Tritanomaly
70, 23.419, 355.608

Monochromacy



Original Color
70, 26.830, 344.638

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.656, 341.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.830, 344.638 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(212, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(212, 155, 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(212, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 155, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.830, 344.638 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(212, 155, 185) }
```

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

```
.border{ border-color:rgb(212, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(212, 155,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.830, 344.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 155, 185) }
```

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

```
.background{ background-color: rgb(212,  
155, 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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