

Converting Colors

CIELCh(66, 42.133, 344.786)

Have a look what the booklet for
CIELCh(66, 42.133, 344.786)
contains.

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Color

CIELCh(66, 42.133, 344.786)

Conversions

Conversions Part 1

Format	Color
Hex	DD84B5
RGB	221, 132, 181
RGB Percent	87%, 52%, 71%
CMY	0.1323, 0.4814, 0.2893
CMYK	0.00, 0.40, 0.18, 0.13
HSL	327°, 57%, 69%
HSV	327°, 40%, 87%
XYZ	46.5439, 35.3238, 48.2096
YIQ	164.1970, 37.3150, 34.1070

Conversions

Conversions Part 2

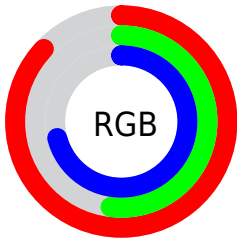
Format	Color
RYB	221, 132, 181
Decimal	14517429
CIELab	66.00, 40.66, -11.06
CIElCh	66, 42.133, 344.786
Yxy	35.3238, 0.3578, 0.2716
Android (android.graphics.Color)	4292707509 (0xFFDD84B5)
YUV	164.1970, 8.2839, 49.8162
Hunter-Lab	59.4338, 35.7780, -6.4892

Details

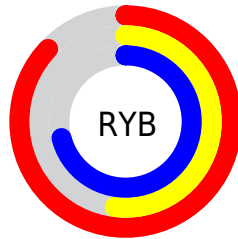
The CIELCh color **66, 42.133, 344.786** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82, 40.666, 157.145**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 35.548, 334.745**, and **46, 42.032, 344.846** is the 20% darker color. If you saturate the color by 10%, you get **61, 51.965, 346.052**, and if you desaturate by 10%, it is **71, 31.741, 343.686**.

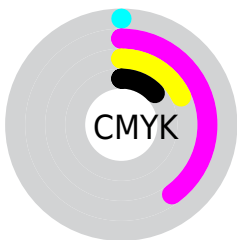
Distribution



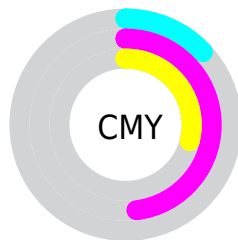
- Red (87%)
- Green (52%)
- Blue (71%)



- Red (87%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 42.133, 344.786 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 66, 42.133, 344.786 by changing the saturation by 10% instead.

 66, 42.133,
344.786


 66, 42.133,
344.786


 100, 42.133,
344.786


 56, 42.133,
344.786


 86, 42.133,
344.786

 46, 42.133,
344.786

 96, 42.133,
344.786

 36, 42.133,
344.786

 26, 42.133,
344.786

 16, 42.133,
344.786

 6, 42.133, 344.786

 0, 42.133, 344.786

66, 42.133,
344.786

66, 42.133,
344.786

61, 51.965,
346.052

71, 31.741,
343.686

57, 60.777,
347.543

77, 21.151,
342.705

54, 68.024,
349.349

82, 10.602,
341.808

51, 73.201,
351.589

88, 0.245, 339.339

49, 76.033,
354.411

94, 9.834, 160.357

48, 76.922,
357.777

97, 13.822,
167.191

98, 11.717,
188.290

98, 11.396,
198.745

Harmonies

Complementary

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



66, 42.133, 344.786



82, 40.666, 157.145

Rectangle

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



66, 42.133, 344.786



66, 42.133, 34.786



66, 42.133, 164.786



66, 42.133, 214.786

Sweetspot

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



66, 42.130, 344.787



92, 13.978, 341.971



62, 51.529, 308.958



48, 9.283, 342.087



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 42.130, 344.787



71, 55.889, 345.803



65, 36.699, 18.397



43, 5.835, 341.737



37, 64.273, 357.104



6, 25.647, 350.890

Inverse Universe

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



66, 42.130, 344.787



71, 55.889, 345.803



83, 28.610, 191.080



43, 5.835, 341.737



37, 64.273, 357.104



6, 25.647, 350.890

Previews

White Background



This preview shows how the CIELCh color 66, 42.133, 344.786 looks on a white background.

Color Contrast Check

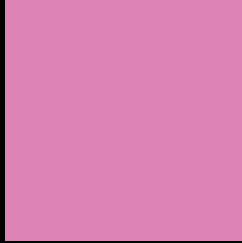
Large Text (above 18pt) WCAG AA × Fail

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 66, 42.133, 344.786 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 66, 42.133, 344.786

Background



This preview shows how black text looks on a background with the CIELCh color 66, 42.133, 344.786.



This preview shows how white text looks on a background with the CIELCh color 66, 42.133, 344.786.

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
66, 32.654, 12.396

Trichromacy



Original Color
66, 42.133, 344.786



Protanomaly
66, 26.517, 314.652



Deuteranomaly
66, 23.413, 332.608



Tritanomaly
66, 34.932, 0.392

Monochromacy



Original Color
66, 42.133, 344.786



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 16.038, 342.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 42.133, 344.786 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(221, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(221, 132, 181)  
}
```

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(221, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 132, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 42.133, 344.786 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(221, 132, 181) }
```

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

```
.border{ border-color:rgb(221, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(221, 132,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 42.133, 344.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 132, 181) }
```

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

```
.background{ background-color: rgb(221,  
132, 181) }
```

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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