

Converting Colors

CIELCh(67, 40.019, 341.936)

Have a look what the booklet for
CIELCh(67, 40.019, 341.936)
contains.

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Color

CIELCh(67, 40.103, 341.964)

Conversions

Conversions Part 1

Format	Color
Hex	DB89BA
RGB	219, 137, 186
RGB Percent	86%, 54%, 73%
CMY	0.1400, 0.4617, 0.2695
CMYK	0.00, 0.37, 0.15, 0.14
HSL	324°, 53%, 70%
HSV	324°, 37%, 86%
XYZ	47.1797, 36.6320, 51.1951
YIQ	167.1040, 33.1430, 32.6230

Conversions

Conversions Part 2

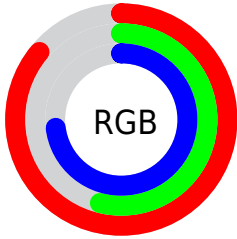
Format	Color
RYB	219, 137, 186
Decimal	14387642
CIELab	67.00, 38.13, -12.42
CIElCh	67, 40.103, 341.964
Yxy	36.6320, 0.3495, 0.2713
Android (android.graphics.Color)	4292577722 (0xFFDB89BA)
YUV	167.1040, 9.3157, 45.5128
Hunter-Lab	60.5244, 33.2261, -7.7839

Details

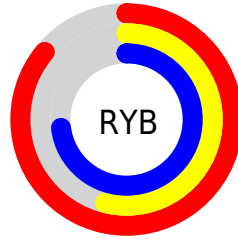
The CIELCh color $67, 40.103, 341.964$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $81, 39.108, 155.315$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 34.298, 332.346$, and $47, 40.349, 342.059$ is the 20% darker color. If you saturate the color by 10%, you get $62, 50.286, 343.067$, and if you desaturate by 10%, it is $72, 29.430, 340.984$.

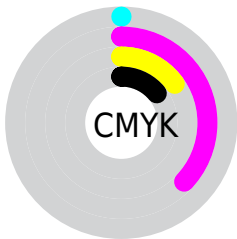
Distribution



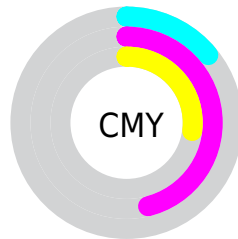
- Red (86%)
- Green (54%)
- Blue (73%)



- Red (86%)
- Yellow (54%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (15%)
- Black (14%)




- Cyan (14%)
- Magenta (46%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 40.103, 341.964 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 67, 40.103, 341.964 by changing the saturation by 10% instead.

 67, 40.103,
341.964


 67, 40.103,
341.964


 100, 40.103,
341.964


 57, 40.103,
341.964


 87, 40.103,
341.964

 47, 40.103,
341.964

 97, 40.103,
341.964

 37, 40.103,
341.964

 27, 40.103,
341.964

 17, 40.103,
341.964

 7, 40.103, 341.964

 0, 40.103, 341.964

67, 40.103,
341.964

67, 40.103,
341.964

62, 50.286,
343.067

72, 29.430,
340.984

58, 59.543,
344.334

78, 18.604,
340.094

54, 67.335,
345.832

83, 7.845, 339.257

51, 73.126,
347.651

89, 2.711, 158.712

95, 12.985,
157.906

49, 76.541,
349.909

97, 14.870,
165.717

48, 77.621,
352.721

97, 12.754,
182.491

48, 77.745,
353.506

98, 12.030,
198.702

Harmonies

Complementary

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



67, 40.103, 341.964



81, 39.108, 155.315

Rectangle

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



67, 40.103, 341.964



67, 40.103, 31.964



67, 40.103, 161.964



67, 40.103, 211.964

Sweetspot

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



67, 40.100, 341.965



93, 13.223, 339.564



63, 47.238, 307.698



49, 8.896, 339.678



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 40.100, 341.965



73, 54.114, 342.833



66, 33.510, 15.380



43, 6.029, 339.427



38, 65.429, 352.954



6, 26.299, 347.615

Inverse Universe

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



67, 40.100, 341.965



73, 54.114, 342.833



82, 27.120, 188.229



43, 6.029, 339.427



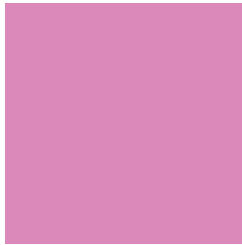
38, 65.429, 352.954



6, 26.299, 347.615

Previews

White Background



This preview shows how the CIELCh color 67, 40.103, 341.964 looks on a white background.

Color Contrast Check

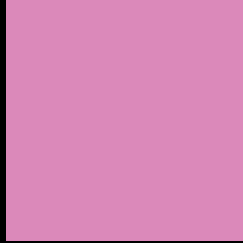
Large Text (above 18pt) WCAG AA × Fail

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 67, 40.103, 341.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

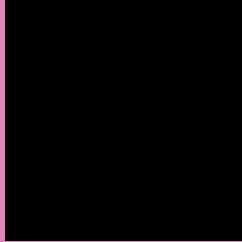
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 40.103, 341.964

Background



This preview shows how black text looks on a background with the CIELCh color 67, 40.103, 341.964.



This preview shows how white text looks on a background with the CIELCh color 67, 40.103, 341.964.

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
67, 29.671, 10.917

Trichromacy



Original Color
67, 40.103, 341.964

Protanomaly
67, 26.038, 312.396

Deuteranomaly
67, 23.041, 329.427

Tritanomaly
67, 32.278, 357.980

Monochromacy



Original Color
67, 40.103, 341.964

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 15.094, 339.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 40.103, 341.964 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(219, 137, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 137, 186)  
}
```

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(219, 137, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 137, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 40.103, 341.964 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(219, 137, 186) }
```

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

```
.border{ border-color:rgb(219, 137, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 137, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 137, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 137, 186);  
box-shadow:4px 4px 4px 4px rgb(219, 137,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 40.103, 341.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 137, 186) }
```

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

```
.background{ background-color: rgb(219,  
137, 186) }
```

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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