

Converting Colors

CIELCh(65, 46.851, 339.280)

Have a look what the booklet for
CIELCh(65, 46.851, 339.280)
contains.

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Color

CIELCh(65, 46.978, 339.548)

Conversions

Conversions Part 1

Format	Color
Hex	DC7FBC
RGB	220, 127, 188
RGB Percent	86%, 50%, 74%
CMY	0.1371, 0.5018, 0.2626
CMYK	0.00, 0.42, 0.15, 0.14
HSL	321°, 57%, 68%
HSV	321°, 42%, 86%
XYZ	46.2082, 34.0472, 51.7406
YIQ	161.7610, 35.8470, 38.6870

Conversions

Conversions Part 2

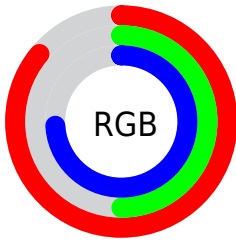
Format	Color
R _Y B	220, 127, 188
Decimal	14450620
CIE Lab	65.00, 44.02, -16.42
CIE LCh	65, 46.978, 339.548
Yxy	34.0472, 0.3501, 0.2579
Android (android.graphics.Color)	4292640700 (0xFFDC7FBC)
YUV	161.7610, 12.9358, 51.0756
Hunter-Lab	58.3500, 39.2443, -11.7292

Details

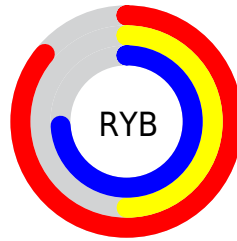
The CIELCh color $65, 46.978, 339.548$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $81, 46.204, 152.248$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 41.278, 330.625$, and $45, 46.888, 339.352$ is the 20% darker color. If you saturate the color by 10%, you get $60, 57.088, 340.576$, and if you desaturate by 10%, it is $70, 36.116, 338.623$.

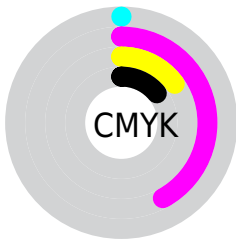
Distribution



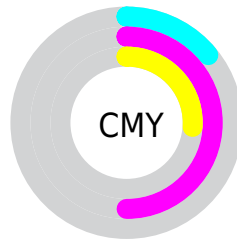
- Red (86%)
- Green (50%)
- Blue (74%)



- Red (86%)
- Yellow (50%)
- Blue (74%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (14%)




- Cyan (14%)
- Magenta (50%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 46.978, 339.548 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 65, 46.978, 339.548 by changing the saturation by 10% instead.


 65, 46.978,
339.548

 65, 46.978,
339.548


 100, 46.978,
339.548


 55, 46.978,
339.548


 85, 46.978,
339.548

 45, 46.978,
339.548

 95, 46.978,
339.548

 35, 46.978,
339.548

 25, 46.978,
339.548

 15, 46.978,
339.548

 5, 46.978, 339.548

 0, 46.978, 339.548

65, 46.978,
339.548

65, 46.978,
339.548

60, 57.088,
340.576

70, 36.116,
338.623

57, 65.948,
341.743

75, 24.910,
337.775

53, 72.992,
343.107

81, 13.642,
336.983

51, 77.730,
344.745

86, 2.499, 336.134

49, 79.928,
346.756

92, 8.405, 155.653

49, 80.247,
348.579

97, 16.559,
156.858

97, 14.130,
168.251

97, 12.422,
183.433

■ 98, 11.786,
198.719

Harmonies

Complementary

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



65, 46.978, 339.548



81, 46.204, 152.248

Rectangle

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



65, 46.978, 339.548



65, 46.978, 29.548



65, 46.978, 159.548



65, 46.978, 209.548

Sweetspot

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



65, 46.975, 339.549



92, 16.310, 337.048



60, 53.561, 305.939



48, 11.430, 337.222



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 46.975, 339.549



70, 62.906, 340.485



64, 38.355, 11.169



43, 6.283, 336.764



38, 67.382, 348.139



6, 27.237, 343.858

Inverse Universe

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



65, 46.975, 339.549



70, 62.906, 340.485



82, 31.350, 181.925



43, 6.283, 336.764



38, 67.382, 348.139



6, 27.237, 343.858

Previews

White Background



This preview shows how the CIELCh color 65, 46.978, 339.548 looks on a white background.

Color Contrast Check

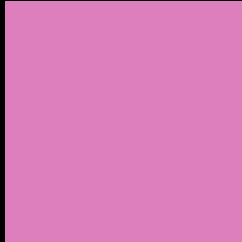
Large Text (above 18pt) WCAG AA × Fail

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 65, 46.978, 339.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

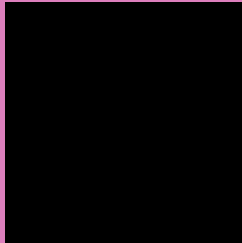
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 46.978, 339.548

Background



This preview shows how black text looks on a background with the CIELCh color 65, 46.978, 339.548.



This preview shows how white text looks on a background with the CIELCh color 65, 46.978, 339.548.

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
65, 32.775, 12.477

Trichromacy



Original Color
65, 46.978, 339.548



Protanomaly
64, 32.733, 309.813



Deuteranomaly
64, 26.753, 323.553

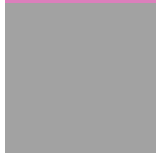


Tritanomaly
65, 36.368, 357.771

Monochromacy



Original Color
65, 46.978, 339.548



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 17.754, 337.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 46.978, 339.548 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(220, 127, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 127, 188)  
}
```

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(220, 127, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 127, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 46.978, 339.548 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(220, 127, 188) }
```

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

```
.border{ border-color:rgb(220, 127, 188) }
```

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

Here you see how a box with a 4 pixel rgb(220, 127, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 127, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 127, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 127,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 46.978, 339.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 127, 188) }
```

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

```
.background{ background-color: rgb(220,  
127, 188) }
```

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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