

Converting Colors

CIELCh(65, 72.764, 334.936)

Have a look what the booklet for
CIELCh(65, 72.764, 334.936)
contains.

CIELCh(65, 72.505, 335.078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 72.505, 335.078)

Conversions

Conversions Part 1

Format	Color
Hex	F469D6
RGB	244, 105, 214
RGB Percent	96%, 41%, 84%
CMY	0.0445, 0.5895, 0.1620
CMYK	0.00, 0.57, 0.12, 0.04
HSL	313°, 86%, 68%
HSV	313°, 57%, 96%
XYZ	54.3040, 34.0472, 67.1131
YIQ	158.9870, 47.8550, 63.3670

Conversions

Conversions Part 2

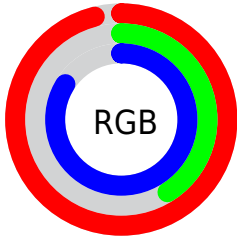
Format	Color
RYB	244, 105, 214
Decimal	16017878
CIELab	65.00, 65.75, -30.55
CIELCh	65, 72.505, 335.078
Yxy	34.0472, 0.3493, 0.2190
Android (android.graphics.Color)	4294207958 (0xFFFF469D6)
YUV	158.9870, 27.1214, 74.5564
Hunter-Lab	58.3500, 64.0105, -27.3493

Details

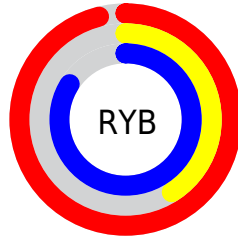
The CIELCh color $65, 72.505, 335.078$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $87, 73.103, 145.568$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.941, 326.417$, and $45, 72.706, 335.126$ is the 20% darker color. If you saturate the color by 10%, you get $61, 81.843, 335.904$, and if you desaturate by 10%, it is $69, 61.344, 334.303$.

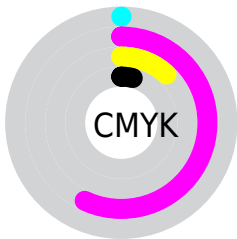
Distribution



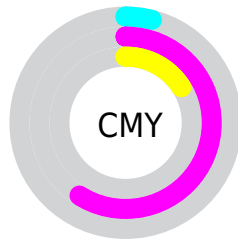
- Red (96%)
- Green (41%)
- Blue (84%)



- Red (96%)
- Yellow (41%)
- Blue (84%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 72.505, 335.078 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, 72.505, 335.078 by changing the saturation by 10% instead.

 65, 72.505,
335.078


 65, 72.505,
335.078


 100, 72.505,
335.078


 55, 72.505,
335.078


 85, 72.505,
335.078

 45, 72.505,
335.078

 95, 72.505,
335.078

 35, 72.505,
335.078

 25, 72.505,
335.078

 15, 72.505,
335.078

 5, 72.505, 335.078

 0, 72.505, 335.078

65, 72.505,
335.078

65, 72.505,
335.078

61, 81.843,
335.904

69, 61.344,
334.303

58, 88.773,
336.806

74, 48.981,
333.563

56, 92.883,
337.821

80, 35.935,
332.852

55, 94.168,
338.994

86, 22.609,
332.165

55, 94.252,
339.364

92, 9.283, 331.489

98, 3.857, 150.997

99, 4.595, 169.173

99, 3.917, 199.326

Harmonies

Complementary

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



65, 72.505, 335.078



87, 73.103, 145.568

Rectangle

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



65, 72.505, 335.078



65, 72.505, 25.078



65, 72.505, 155.078



65, 72.505, 205.078

Sweetspot

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



65, 72.502, 335.078



89, 23.407, 332.165



53, 79.775, 303.688



46, 15.668, 332.302



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, 72.502, 335.078



64, 85.657, 336.002



63, 57.273, 4.381



48, 7.538, 331.656



42, 77.215, 339.135



10, 35.064, 337.392

Inverse Universe

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



65, 72.502, 335.078



64, 85.657, 336.002



88, 48.337, 169.493



48, 7.538, 331.656



42, 77.215, 339.135



10, 35.064, 337.392

Previews

White Background



This preview shows how the CIELCh color 65, 72.505, 335.078 looks on a white background.

Color Contrast Check

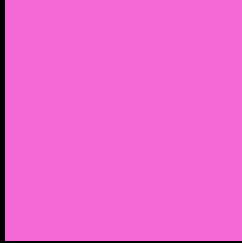
Large Text (above 18pt) WCAG AA × Fail

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, 72.505, 335.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

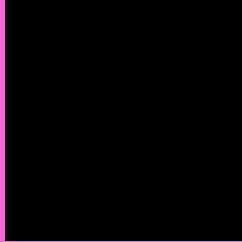
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 72.505, 335.078

Background



This preview shows how black text looks on a background with the CIELCh color 65, 72.505, 335.078.

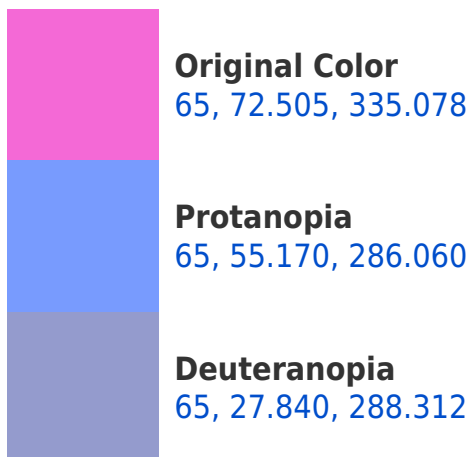


This preview shows how white text looks on a background with the CIELCh color 65, 72.505, 335.078.

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, 45.946, 18.687

Trichromacy



Original Color
65, 72.505, 335.078



Protanomaly
63, 57.680, 304.170



Deuteranomaly
64, 42.655, 315.536



Tritanomaly
65, 51.321, 357.726

Monochromacy



Original Color
65, 72.505, 335.078



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 29.152, 332.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 72.505, 335.078 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(244, 105, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 105, 214)  
}
```

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(244, 105, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 105, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 72.505, 335.078 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(244, 105, 214) }
```

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

```
.border{ border-color:rgb(244, 105, 214) }
```

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

Here you see how a box with a 4 pixel rgb(244, 105, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 105, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 105, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 105,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 72.505, 335.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 105, 214) }
```

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

```
.background{ background-color: rgb(244,  
105, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor