

Converting Colors

CIELCh(65, 71.992, 335.393)

Have a look what the booklet for
CIELCh(65, 71.992, 335.393)
contains.

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Color

CIELCh(65, 72.160, 335.387)

Conversions

Conversions Part 1

Format	Color
Hex	F469D5
RGB	244, 105, 213
RGB Percent	96%, 41%, 84%
CMY	0.0440, 0.5890, 0.1655
CMYK	0.00, 0.57, 0.13, 0.04
HSL	313°, 86%, 68%
HSV	313°, 57%, 96%
XYZ	54.2452, 34.0472, 66.5248
YIQ	158.8730, 48.1760, 63.0560

Conversions

Conversions Part 2

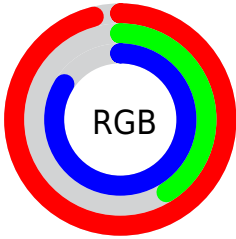
Format	Color
RYB	244, 105, 213
Decimal	16017877
CIELab	65.00, 65.60, -30.05
CIElCh	65, 72.160, 335.387
Yxy	34.0472, 0.3504, 0.2199
Android (android.graphics.Color)	4294207957 (0xFFFF469D5)
YUV	158.8730, 26.6846, 74.6564
Hunter-Lab	58.3500, 63.8305, -26.7516

Details

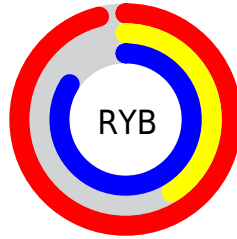
The CIELCh color $65, 72.160, 335.387$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $87, 72.711, 145.811$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.941, 326.417$, and $45, 72.018, 335.474$ is the 20% darker color. If you saturate the color by 10%, you get $61, 81.463, 336.235$, and if you desaturate by 10%, it is $69, 61.041, 334.596$.

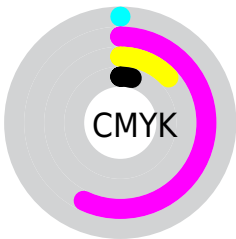
Distribution



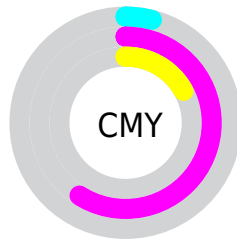
- Red (96%)
- Green (41%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (57%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (59%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 72.160, 335.387 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, 72.160, 335.387 by changing the saturation by 10% instead.

 65, 72.160,
335.387


 65, 72.160,
335.387


 100, 72.160,
335.387


 55, 72.160,
335.387


 85, 72.160,
335.387

 45, 72.160,
335.387

 95, 72.160,
335.387

 35, 72.160,
335.387

 25, 72.160,
335.387

 15, 72.160,
335.387

 5, 72.160, 335.387

 0, 72.160, 335.387

65, 72.160,
335.387

65, 72.160,
335.387

61, 81.463,
336.235

69, 61.041,
334.596

58, 88.365,
337.166

75, 48.727,
333.845

56, 92.449,
338.220

80, 35.736,
333.125

55, 93.709,
339.445

86, 22.469,
332.432

55, 93.785,
339.835

92, 9.206, 331.750

98, 3.871, 151.255

99, 4.463, 170.966

99, 3.875, 199.331

Harmonies

Complementary

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



65, 72.160, 335.387



87, 72.711, 145.811

Rectangle

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



65, 72.160, 335.387



65, 72.160, 25.387



65, 72.160, 155.387



65, 72.160, 205.387

Sweetspot

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



65, 72.157, 335.387



89, 23.288, 332.434



54, 79.756, 304.108



46, 15.588, 332.571



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, 72.157, 335.387



64, 85.247, 336.337



63, 57.141, 5.640



48, 7.500, 331.920



42, 76.808, 339.595



10, 34.899, 337.768

Inverse Universe

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



65, 72.157, 335.387



64, 85.247, 336.337



88, 47.627, 170.717



48, 7.500, 331.920



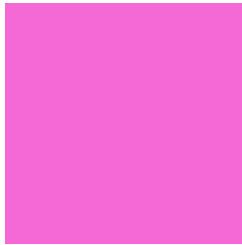
42, 76.808, 339.595



10, 34.899, 337.768

Previews

White Background



This preview shows how the CIELCh color 65, 72.160, 335.387 looks on a white background.

Color Contrast Check

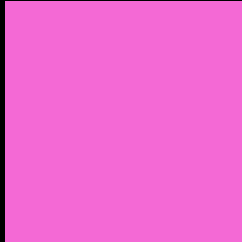
Large Text (above 18pt) WCAG AA × Fail

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, 72.160, 335.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

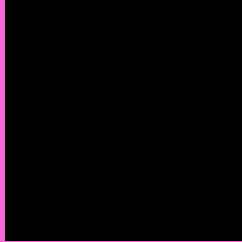
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 72.160, 335.387

Background



This preview shows how black text looks on a background with the CIELCh color 65, 72.160, 335.387.

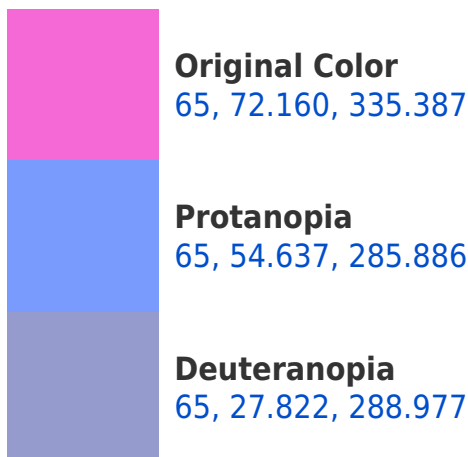


This preview shows how white text looks on a background with the CIELCh color 65, 72.160, 335.387.

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, 72.160, 335.387



Protanomaly
63, 57.146, 304.230



Deuteranomaly
64, 42.655, 315.536



Tritanomaly
65, 51.321, 357.726

Monochromacy



Original Color
65, 72.160, 335.387



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, 72.160, 335.387 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(244, 105, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 105, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 72.160, 335.387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

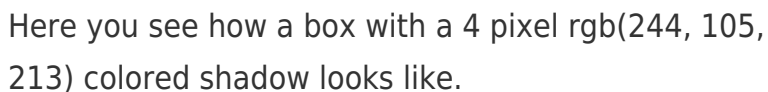
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 105, 213) }
```

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

```
.border{ border-color:rgb(244, 105, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 105, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 105, 213); box-shadow:4px 4px 4px 4px rgb(244, 105, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 72.160, 335.387 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, 213) }
```

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

```
.background{ background-color: rgb(244,  
105, 213) }
```

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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