

Converting Colors

CIELCh(65, 70.152, 335.573)

Have a look what the booklet for
CIELCh(65, 70.152, 335.573)
contains.

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Color

CIELCh(65, 70.152, 335.573)

Conversions

Conversions Part 1

Format	Color
Hex	F26BD3
RGB	242, 107, 211
RGB Percent	95%, 42%, 83%
CMY	0.0514, 0.5808, 0.1730
CMYK	0.00, 0.56, 0.13, 0.05
HSL	314°, 84%, 68%
HSV	314°, 56%, 95%
XYZ	53.5688, 34.0472, 65.3052
YIQ	159.2210, 47.0760, 60.9640

Conversions

Conversions Part 2

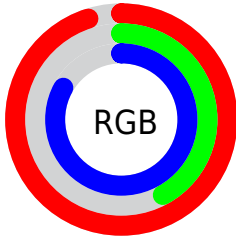
Format	Color
R _Y B	242, 107, 211
Decimal	15887315
CIE Lab	65.00, 63.87, -29.01
CIE LCh	65, 70.152, 335.573
Yxy	34.0472, 0.3503, 0.2226
Android (android.graphics.Color)	4294077395 (0xFFFF26BD3)
YUV	159.2210, 25.5270, 72.5972
Hunter-Lab	58.3500, 61.7614, -25.5123

Details

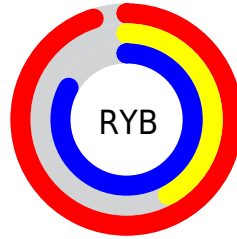
The CIELCh color **65, 70.152, 335.573** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **86, 70.547, 146.205**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.738, 326.377**, and **45, 70.060, 335.645** is the 20% darker color. If you saturate the color by 10%, you get **61, 79.612, 336.432**, and if you desaturate by 10%, it is **70, 58.971, 334.774**.

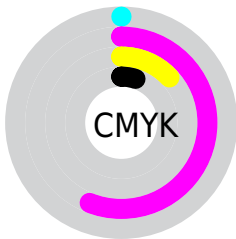
Distribution



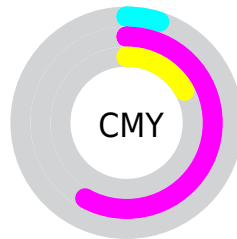
- Red (95%)
- Green (42%)
- Blue (83%)



- Red (95%)
- Yellow (42%)
- Blue (83%)



- Cyan (0%)
- Magenta (56%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (58%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.152, 335.573 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, 70.152, 335.573 by changing the saturation by 10% instead.


 65, 70.152,
335.573


 65, 70.152,
335.573


 100, 70.152,
335.573


 55, 70.152,
335.573


 85, 70.152,
335.573


 45, 70.152,
335.573

 95, 70.152,
335.573

 35, 70.152,
335.573

 25, 70.152,
335.573

 15, 70.152,
335.573

 5, 70.152, 335.573

 0, 70.152, 335.573

65, 70.152,
335.573

65, 70.152,
335.573

61, 79.612,
336.432

70, 58.971,
334.774

58, 86.759,
337.376

75, 46.678,
334.016

56, 91.145,
338.448

80, 33.773,
333.293

55, 92.688,
339.697

86, 20.636,
332.596

54, 92.788,
340.266

92, 7.532, 331.906

98, 5.369, 151.395

99, 5.312, 169.121

99, 4.522, 199.265

Harmonies

Complementary

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



65, 70.152, 335.573



86, 70.547, 146.205

Rectangle

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



65, 70.152, 335.573



65, 70.152, 25.573



65, 70.152, 155.573



65, 70.152, 205.573

Sweetspot

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



65, 70.149, 335.573



89, 23.179, 332.682



54, 77.466, 303.958



46, 15.516, 332.821



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, 70.149, 335.573



64, 84.045, 336.556



63, 55.638, 5.335



47, 7.336, 332.163



41, 75.673, 340.007



9, 33.814, 338.012

Inverse Universe

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



65, 70.149, 335.573



64, 84.045, 336.556



87, 46.535, 170.894



47, 7.336, 332.163



41, 75.673, 340.007



9, 33.814, 338.012

Previews

White Background



This preview shows how the CIELCh color 65, 70.152, 335.573 looks on a white background.

Color Contrast Check

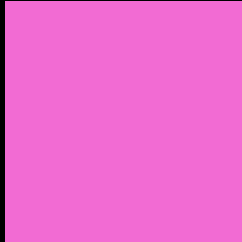
Large Text (above 18pt) WCAG AA × Fail

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, 70.152, 335.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

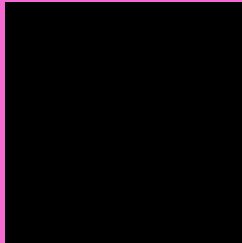
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 70.152, 335.573

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.152, 335.573.



This preview shows how white text looks on a background with the CIELCh color 65, 70.152, 335.573.

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



Original Color
65, 70.152, 335.573

Protanopia
65, 52.412, 285.935

Deuteranopia
65, 26.704, 289.375



Tritanopia
65, 45.077, 18.437

Trichromacy



Original Color
65, 70.152, 335.573



Protanomaly
64, 54.951, 304.472



Deuteranomaly
64, 41.007, 315.929



Tritanomaly
65, 50.504, 357.754

Monochromacy



Original Color
65, 70.152, 335.573



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 27.867, 333.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.152, 335.573 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(242, 107, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 107, 211)  
}
```

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(242, 107, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 107, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.152, 335.573 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(242, 107, 211) }
```

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

```
.border{ border-color:rgb(242, 107, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 107, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 107, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 107, 211);  
box-shadow:4px 4px 4px 4px rgb(242, 107,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.152, 335.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 107, 211) }
```

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

```
.background{ background-color: rgb(242,  
107, 211) }
```

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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