

Converting Colors

CIELCh(65, 66.353, 350.473)

Have a look what the booklet for
CIELCh(65, 66.353, 350.473)
contains.

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Color

CIELCh(65, 66.300, 350.583)

Conversions

Conversions Part 1

Format	Color
Hex	FF66B3
RGB	255, 102, 179
RGB Percent	100%, 40%, 70%
CMY	0.0000, 0.5997, 0.2978
CMYK	0.00, 0.60, 0.30, 0.00
HSL	330°, 100%, 70%
HSV	330°, 60%, 100%
XYZ	54.1679, 34.0472, 46.3988
YIQ	156.5250, 66.4710, 56.3830

Conversions

Conversions Part 2

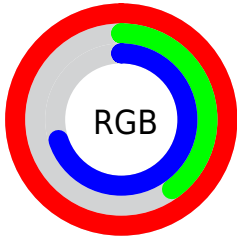
Format	Color
R_{YB}	255, 102, 179
Decimal	16737971
CIE _{Lab}	65.00, 65.41, -10.85
CIE _{LCh}	65, 66.300, 350.583
Yxy	34.0472, 0.4024, 0.2529
Android (android.graphics.Color)	4294928051 (0xFFFF66B3)
YUV	156.5250, 11.0802, 86.3626
Hunter-Lab	58.3500, 63.5940, -6.3013

Details

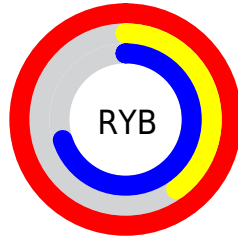
The CIELCh color **65, 66.300, 350.583** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 62.872, 156.606**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 51.884, 333.328**, and **45, 66.284, 350.563** is the 20% darker color. If you saturate the color by 10%, you get **61, 74.336, 352.634**, and if you desaturate by 10%, it is **70, 56.531, 348.885**.

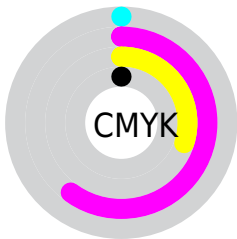
Distribution



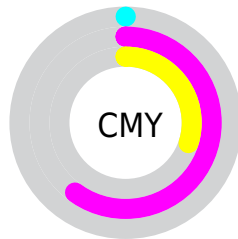
- Red (100%)
- Green (40%)
- Blue (70%)



- Red (100%)
- Yellow (40%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 66.300, 350.583 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, 66.300, 350.583 by changing the saturation by 10% instead.


 65, 66.300,
350.583


 65, 66.300,
350.583


 100, 66.300,
350.583


 55, 66.300,
350.583


 85, 66.300,
350.583

 45, 66.300,
350.583

 95, 66.300,
350.583

 35, 66.300,
350.583

 25, 66.300,
350.583

 15, 66.300,
350.583

 5, 66.300, 350.583

 0, 66.300, 350.583

■ 65, 66.300,
350.583

■ 65, 66.300,
350.583

■ 61, 74.336,
352.634

■ 70, 56.531,
348.885

■ 58, 80.151,
355.233

■ 75, 45.698,
347.481

■ 56, 83.449,
358.531

■ 81, 34.297,
346.278

■ 55, 84.664, 2.596

■ 87, 22.719,
345.221

■ 55, 84.668, 2.609

■ 93, 11.225,
344.264

100, 0.012,
296.813

Harmonies

Complementary

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



65, 66.300, 350.583



91, 62.872, 156.606

Rectangle

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



65, 66.300, 350.583



65, 66.300, 40.583



65, 66.300, 170.583



65, 66.300, 220.583

Sweetspot

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



65, 66.278, 350.566



88, 20.442, 345.026



58, 87.176, 311.630



45, 14.241, 345.315



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, 66.278, 350.566



60, 75.712, 353.113



63, 65.252, 26.522



50, 6.397, 344.221



41, 68.285, 1.786



10, 31.902, 356.240

Inverse Universe

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



65, 66.278, 350.566



60, 75.712, 353.113



92, 42.042, 195.025



50, 6.397, 344.221



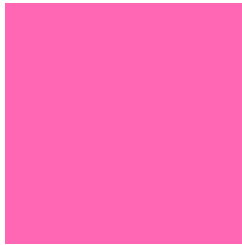
41, 68.285, 1.786



10, 31.902, 356.240

Previews

White Background



This preview shows how the CIELCh color 65, 66.300, 350.583 looks on a white background.

Color Contrast Check

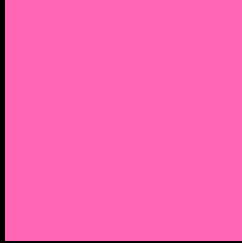
Large Text (above 18pt) WCAG AA × Fail

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, 66.300, 350.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

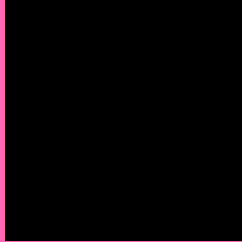
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 66.300, 350.583

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.300, 350.583.

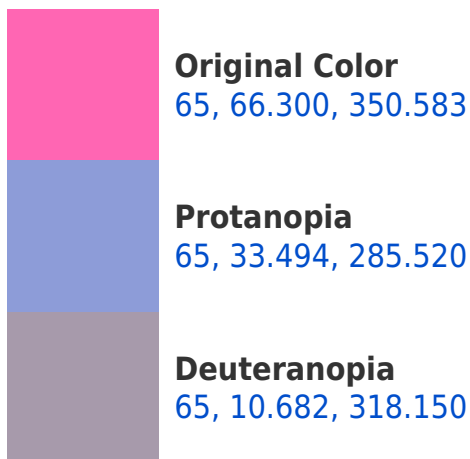


This preview shows how white text looks on a background with the CIELCh color 65, 66.300, 350.583.

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](#).

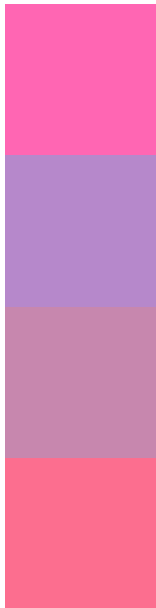
Dichromacy





Tritanopia
65, 56.304, 21.893

Trichromacy



Original Color
65, 66.300, 350.583

Protanomaly
63, 40.707, 316.717

Deuteranomaly
64, 32.174, 340.824

Tritanomaly
65, 57.826, 9.396

Monochromacy



Original Color
65, 66.300, 350.583

Achromatopsia
65, 0.008, 296.813

Achromatomaly
63, 26.416, 346.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.300, 350.583 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(255, 102, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 179)  
}
```

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(255, 102, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.300, 350.583 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(255, 102, 179) }
```

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

```
.border{ border-color:rgb(255, 102, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.300, 350.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 179) }
```

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

```
.background{ background-color: rgb(255,  
102, 179) }
```

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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