

Converting Colors

CIELCh(65, 92.593, 331.082)

Have a look what the booklet for
CIELCh(65, 92.593, 331.082)
contains.

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Color

CIELCh(65, 92.127, 330.892)

Conversions

Conversions Part 1

Format	Color
Hex	FF55EF
RGB	255, 85, 239
RGB Percent	100%, 33%, 94%
CMY	0.0000, 0.6684, 0.0608
CMYK	0.00, 0.67, 0.06, 0.00
HSL	305°, 100%, 67%
HSV	305°, 67%, 100%
XYZ	60.2992, 34.0472, 85.4387
YIQ	153.3860, 51.8860, 83.9340

Conversions

Conversions Part 2

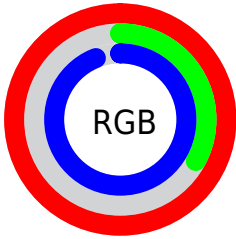
Format	Color
R _{YB}	255, 85, 239
Decimal	16733679
CIE _{Lab}	65.00, 80.49, -44.82
CIE _{LCh}	65, 92.127, 330.892
Yxy	34.0472, 0.3354, 0.1894
Android (android.graphics.Color)	4294923759 (0xFFFF55EF)
YUV	153.3860, 42.2077, 89.1155
Hunter-Lab	58.3500, 82.3504, -45.9702

Details

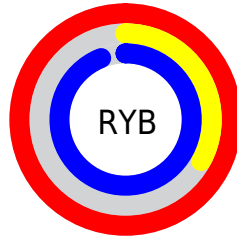
The CIELCh color **65, 92.127, 330.892** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 94.361, 140.515**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **45, 89.609, 330.866** is the 20% darker color. If you saturate the color by 10%, you get **62, 100.074, 331.269**, and if you desaturate by 10%, it is **69, 81.510, 330.270**.

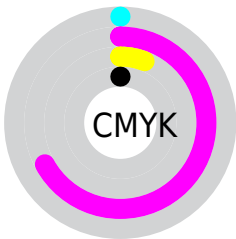
Distribution



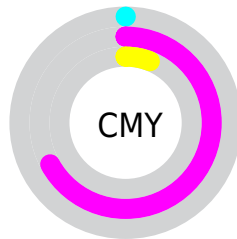
- Red (100%)
- Green (33%)
- Blue (94%)



- Red (100%)
- Yellow (33%)
- Blue (94%)



- Cyan (0%)
- Magenta (67%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 92.127, 330.892 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, 92.127, 330.892 by changing the saturation by 10% instead.


 65, 92.127,
330.892


 65, 92.127,
330.892


 100, 92.127,
330.892


 55, 92.127,
330.892


 85, 92.127,
330.892

 45, 92.127,
330.892

 95, 92.127,
330.892

 35, 92.127,
330.892

 25, 92.127,
330.892

 15, 92.127,
330.892

 5, 92.127, 330.892

 0, 92.127, 330.892

65, 92.127,
330.892

65, 92.127,
330.892

62, 100.074,
331.269

69, 81.510,
330.270

60, 105.092,
331.724

73, 68.950,
329.722

59, 107.162,
332.168

78, 55.039,
329.150

59, 107.455,
332.307

84, 40.339,
328.562

90, 25.293,
327.967

96, 10.221,
327.363

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, 92.127, 330.892



89, 94.361, 140.515

Rectangle

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



65, 92.127, 330.892



65, 92.127, 20.892



65, 92.127, 150.892



65, 92.127, 200.892

Sweetspot

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



65, 92.084, 330.786



88, 30.064, 328.156



47, 98.365, 302.677



45, 20.517, 328.323



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, 92.084, 330.786



61, 101.990, 331.415



62, 69.796, 358.164



50, 8.510, 327.527



44, 86.656, 332.231



12, 40.210, 331.707

Inverse Universe

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



65, 92.084, 330.786



61, 101.990, 331.415



90, 63.310, 160.212



50, 8.510, 327.527



44, 86.656, 332.231



12, 40.210, 331.707

Previews

White Background



This preview shows how the CIELCh color 65, 92.127, 330.892 looks on a white background.

Color Contrast Check

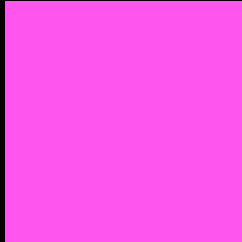
Large Text (above 18pt) WCAG AA × Fail

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, 92.127, 330.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

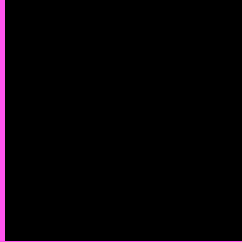
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 92.127, 330.892

Background



This preview shows how black text looks on a background with the CIELCh color 65, 92.127, 330.892.

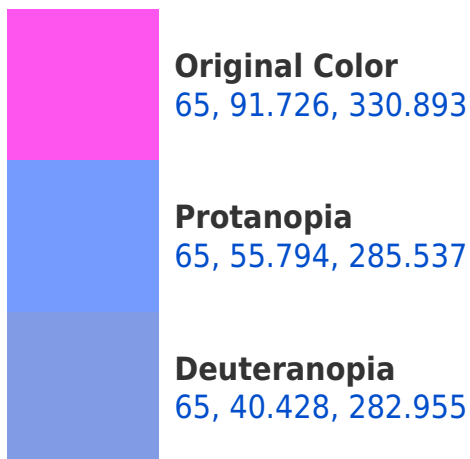


This preview shows how white text looks on a background with the CIELCh color 65, 92.127, 330.892.

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



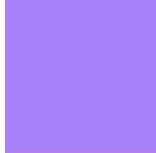


Tritanopia
65, 51.609, 20.777

Trichromacy



Original Color
65, 91.726, 330.893



Protanomaly
62, 67.996, 305.967



Deuteranomaly
62, 58.785, 309.450



Tritanomaly
64, 60.279, 354.262

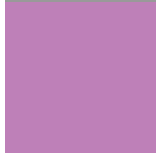
Monochromacy



Original Color
65, 91.726, 330.893



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 38.386, 329.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 92.127, 330.892 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, 85, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 239)  
}
```

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, 85, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 92.127, 330.892 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, 85, 239) }
```

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

```
.border{ border-color:rgb(255, 85, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 85, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 92.127, 330.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 239) }
```

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

```
.background{ background-color: rgb(255, 85,  
239) }
```

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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