

Converting Colors

CIELCh(67, 85.681, 330.314)

Have a look what the booklet for
CIELCh(67, 85.681, 330.314)
contains.

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Color

CIELCh(67, 85.895, 330.238)

Conversions

Conversions Part 1

Format	Color
Hex	FE64F1
RGB	254, 100, 241
RGB Percent	100%, 39%, 95%
CMY	0.0030, 0.6070, 0.0541
CMYK	0.00, 0.61, 0.05, 0.00
HSL	305°, 99%, 69%
HSV	305°, 61%, 100%
XYZ	61.4406, 36.6320, 87.2163
YIQ	162.1200, 46.5230, 76.4990

Conversions

Conversions Part 2

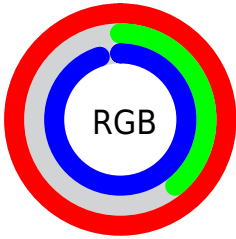
Format	Color
R _Y B	254, 100, 241
Decimal	16671985
CIE Lab	67.00, 74.57, -42.64
CIE LCh	67, 85.895, 330.238
Yxy	36.6320, 0.3316, 0.1977
Android (android.graphics.Color)	4294862065 (0xFFFE64F1)
YUV	162.1200, 38.8878, 80.5788
Hunter-Lab	60.5244, 75.2845, -43.0705

Details

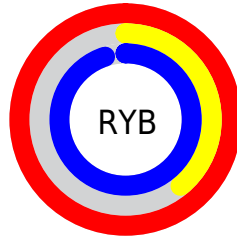
The CIELCh color $67, 85.895, 330.238$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $89, 87.281, 141.183$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.735, 326.477$, and $47, 85.706, 330.339$ is the 20% darker color. If you saturate the color by 10%, you get $64, 95.589, 330.727$, and if you desaturate by 10%, it is $71, 73.974, 329.713$.

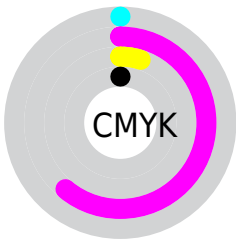
Distribution



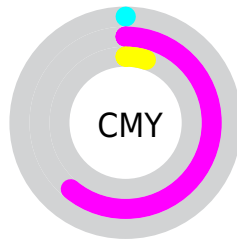
- Red (100%)
- Green (39%)
- Blue (95%)



- Red (100%)
- Yellow (39%)
- Blue (95%)



- Cyan (0%)
- Magenta (61%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 85.895, 330.238 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 67, 85.895, 330.238 by changing the saturation by 10% instead.

 67, 85.895,
330.238

 67, 85.895,
330.238

 100, 85.895,
330.238

 57, 85.895,
330.238

 87, 85.895,
330.238

 47, 85.895,
330.238

 97, 85.895,
330.238

 37, 85.895,
330.238

 27, 85.895,
330.238

 17, 85.895,
330.238

 7, 85.895, 330.238

 0, 85.895, 330.238

67, 85.895,
330.238

67, 85.895,
330.238

64, 95.589,
330.727

71, 73.974,
329.713

61, 102.529,
331.179

76, 60.472,
329.157

60, 106.453,
331.602

81, 45.983,
328.580

59, 107.764,
331.988

87, 30.995,
327.992

93, 15.873,
327.397

99, 0.867, 326.457

100, 0.270,
201.845

Harmonies

Complementary

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



67, 85.895, 330.238



89, 87.281, 141.183

Rectangle

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



67, 85.895, 330.238



67, 85.895, 20.238



67, 85.895, 150.238



67, 85.895, 200.238

Sweetspot

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



67, 85.892, 330.238



89, 27.167, 327.839



52, 88.339, 301.545



46, 18.889, 328.012



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 85.892, 330.238



63, 97.776, 330.840



64, 64.357, 356.639



50, 8.548, 327.332



45, 87.099, 331.919



12, 40.391, 331.439

Inverse Universe

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



67, 85.892, 330.238



63, 97.776, 330.840



91, 58.422, 161.275



50, 8.548, 327.332



45, 87.099, 331.919



12, 40.391, 331.439

Previews

White Background



This preview shows how the CIELCh color 67, 85.895, 330.238 looks on a white background.

Color Contrast Check

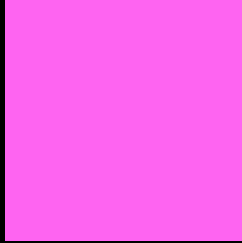
Large Text (above 18pt) WCAG AA × Fail

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 67, 85.895, 330.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

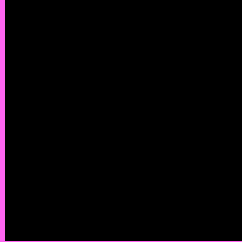
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 85.895, 330.238

Background



This preview shows how black text looks on a background with the CIELCh color 67, 85.895, 330.238.

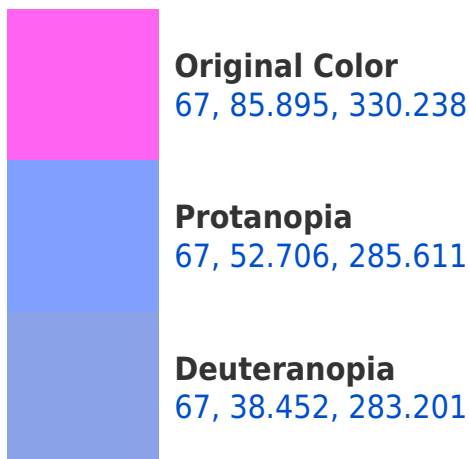


This preview shows how white text looks on a background with the CIELCh color 67, 85.895, 330.238.

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
67, 46.884, 18.798

Trichromacy



Original Color
67, 85.895, 330.238



Protanomaly
65, 63.130, 305.540



Deuteranomaly
65, 54.326, 308.588



Tritanomaly
67, 55.401, 352.896

Monochromacy



Original Color
67, 85.895, 330.238



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 34.710, 328.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 85.895, 330.238 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(254, 100, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 100, 241)  
}
```

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(254, 100, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 100, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 85.895, 330.238 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(254, 100, 241) }
```

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

```
.border{ border-color:rgb(254, 100, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 100, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 100, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 100, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 100,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 85.895, 330.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 100, 241) }
```

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

```
.background{ background-color: rgb(254,  
100, 241) }
```

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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