

Converting Colors

CIELCh(65, 94.277, 325.663)

Have a look what the booklet for
CIELCh(65, 94.277, 325.663)
contains.

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Color

CIELCh(65, 94.259, 325.670)

Conversions

Conversions Part 1

Format	Color
Hex	F45BFE
RGB	244, 91, 254
RGB Percent	96%, 36%, 100%
CMY	0.0415, 0.6414, 0.0023
CMYK	0.04, 0.64, 0.00, 0.00
HSL	296°, 99%, 68%
HSV	296°, 64%, 100%
XYZ	59.1892, 34.0472, 97.5621
YIQ	155.3290, 38.8650, 83.1290

Conversions

Conversions Part 2

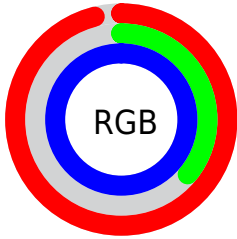
Format	Color
RYB	244, 91, 254
Decimal	16014334
CIELab	65.00, 77.84, -53.16
CIElCh	65, 94.259, 325.670
Yxy	34.0472, 0.3102, 0.1784
Android (android.graphics.Color)	4294204414 (0xFFFF45BFE)
YUV	155.3290, 48.6448, 77.7645
Hunter-Lab	58.3500, 78.9551, -58.2889

Details

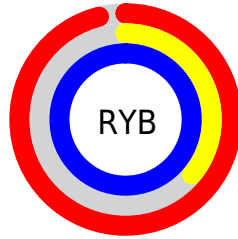
The CIELCh color **65, 94.259, 325.670** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 94.848, 137.699**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **45, 94.391, 325.571** is the 20% darker color. If you saturate the color by 10%, you get **62, 103.990, 325.871**, and if you desaturate by 10%, it is **69, 82.141, 325.360**.

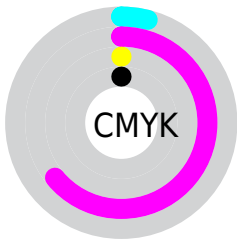
Distribution



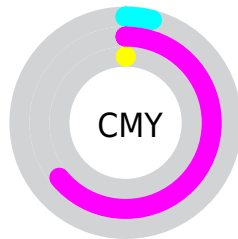
- Red (96%)
- Green (36%)
- Blue (100%)



- Red (96%)
- Yellow (36%)
- Blue (100%)



- Cyan (4%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (64%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 94.259, 325.670 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, 94.259, 325.670 by changing the saturation by 10% instead.


 65, 94.259,
325.670


 65, 94.259,
325.670


 100, 94.259,
325.670


 55, 94.259,
325.670


 85, 94.259,
325.670

 45, 94.259,
325.670

 95, 94.259,
325.670

 35, 94.259,
325.670

 25, 94.259,
325.670

 15, 94.259,
325.670

 5, 94.259, 325.670

 0, 94.259, 325.670

65, 94.259,
325.670

65, 94.259,
325.670

62, 103.990,
325.871

69, 82.141,
325.360

59, 110.837,
325.943

74, 68.286,
324.965

58, 114.634,
325.879

79, 53.318,
324.510

58, 115.770,
325.790

85, 37.756,
324.015

91, 21.996,
323.500

97, 6.312, 322.953

100, 0.288,
109.888

Harmonies

Complementary

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



65, 94.259, 325.670



89, 94.848, 137.699

Rectangle

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



65, 94.259, 325.670



65, 94.259, 15.670



65, 94.259, 145.670



65, 94.259, 195.670

Sweetspot

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



65, 94.256, 325.670



88, 29.843, 323.757



51, 87.596, 298.403



45, 20.554, 323.904



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, 94.256, 325.670



61, 106.513, 325.906



63, 71.872, 347.262



50, 8.887, 323.259



43, 93.403, 325.831



11, 42.947, 326.116

Inverse Universe

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



61, 68.679, 24.599



57, 82.987, 29.280



90, 70.149, 152.878



50, 5.263, 14.991



40, 81.687, 37.690



10, 32.879, 24.711

Previews

White Background



This preview shows how the CIE LCh color 65, 94.259, 325.670 looks on a white background.

Color Contrast Check

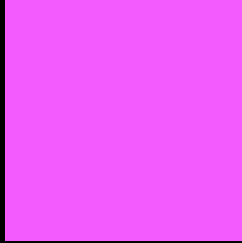
Large Text (above 18pt) WCAG AA × Fail

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, 94.259, 325.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

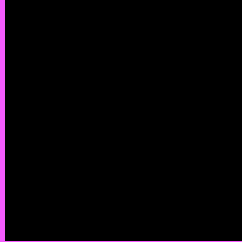
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 94.259, 325.670

Background



This preview shows how black text looks on a background with the CIELCh color 65, 94.259, 325.670.



This preview shows how white text looks on a background with the CIELCh color 65, 94.259, 325.670.

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, 94.259, 325.670

Protanopia

65, 55.794, 285.537

Deuteranopia

65, 48.489, 281.231



Tritanopia
65, 42.526, 17.701

Trichromacy



Original Color
65, 94.259, 325.670



Protanomaly
63, 69.230, 304.082



Deuteranomaly
63, 64.334, 303.662



Tritanomaly
64, 55.376, 347.034

Monochromacy



Original Color
65, 94.259, 325.670



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 38.278, 324.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 94.259, 325.670 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, 91, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 91, 254)  
}
```

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, 91, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 91, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 94.259, 325.670 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, 91, 254) }
```

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

```
.border{ border-color:rgb(244, 91, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 91, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 91, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 91, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 91,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 94.259, 325.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 91, 254) }
```

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

```
.background{ background-color: rgb(244, 91,  
254) }
```

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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