

Converting Colors

CIELCh(65, 99.226, 327.749)

Have a look what the booklet for
CIELCh(65, 99.226, 327.749)
contains.

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Color

CIELCh(65, 99.226, 327.749)

Conversions

Conversions Part 1

Format	Color
Hex	FE50FE
RGB	254, 80, 254
RGB Percent	100%, 31%, 100%
CMY	0.0031, 0.6854, 0.0032
CMYK	0.00, 0.68, 0.00, 0.00
HSL	300°, 99%, 66%
HSV	300°, 68%, 100%
XYZ	61.7530, 34.0472, 97.2463
YIQ	151.8620, 47.8500, 91.0020

Conversions

Conversions Part 2

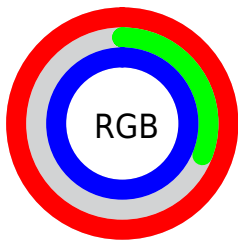
Format	Color
R_{YB}	254, 80, 254
Decimal	16666878
CIE _{Lab}	65.00, 83.92, -52.95
CIE _{LCh}	65, 99.226, 327.749
Yxy	34.0472, 0.3199, 0.1764
Android (android.graphics.Color)	4294856958 (0xFFFE50FE)
YUV	151.8620, 50.3540, 89.5750
Hunter-Lab	58.3500, 86.7980, -57.9680

Details

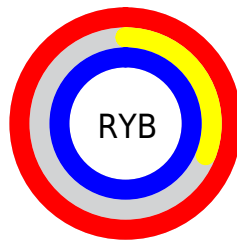
The CIELCh color **65, 99.226, 327.749** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 100.945, 138.193**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 69.646, 326.803**, and **46, 95.248, 327.428** is the 20% darker color. If you saturate the color by 10%, you get **63, 107.412, 327.999**, and if you desaturate by 10%, it is **68, 88.342, 327.410**.

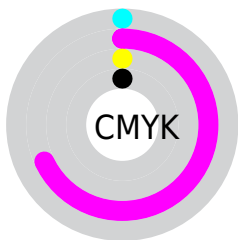
Distribution



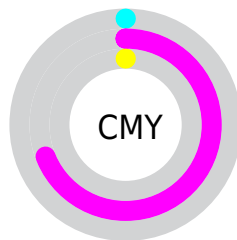
- Red (100%)
- Green (31%)
- Blue (100%)



- Red (100%)
- Yellow (31%)
- Blue (100%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 99.226, 327.749 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, 99.226, 327.749 by changing the saturation by 10% instead.

 65, 99.226,
327.749


 65, 99.226,
327.749


 100, 99.226,
327.749


 55, 99.226,
327.749


 85, 99.226,
327.749

 45, 99.226,
327.749

 95, 99.226,
327.749

 35, 99.226,
327.749

 25, 99.226,
327.749

 15, 99.226,
327.749

 5, 99.226, 327.749

 0, 99.226, 327.749

65, 99.226,
327.749

65, 99.226,
327.749

63, 107.412,
327.999

68, 88.342,
327.410

61, 112.614,
328.155

73, 75.318,
326.994

60, 115.029,
328.227

77, 60.781,
326.518

60, 115.289,
328.235

83, 45.316,
325.999

88, 29.404,
325.452

94, 13.401,
324.887

100, 0.482,
145.075

100, 0.481,

145.126

100, 0.481,
145.178

Harmonies

Complementary

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



65, 99.226, 327.749



89, 100.945, 138.193

Rectangle

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



65, 99.226, 327.749



65, 99.226, 17.749



65, 99.226, 147.749



65, 99.226, 197.749

Sweetspot

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



65, 99.223, 327.749



87, 33.584, 325.594



45, 101.021, 301.650



45, 22.731, 325.746



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, 99.223, 327.749



62, 109.878, 328.065



61, 72.949, 352.524



50, 9.056, 324.948



45, 93.078, 328.235



12, 42.821, 328.235

Inverse Universe

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



65, 99.223, 327.749



62, 109.878, 328.065



90, 69.616, 155.334



50, 9.056, 324.948



45, 93.078, 328.235



12, 42.821, 328.235

Previews

White Background



This preview shows how the CIELCh color 65, 99.226, 327.749 looks on a white background.

Color Contrast Check

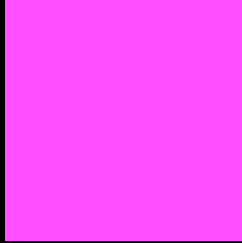
Large Text (above 18pt) WCAG AA × Fail

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, 99.226, 327.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

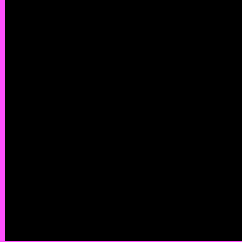
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 99.226, 327.749

Background



This preview shows how black text looks on a background with the CIELCh color 65, 99.226, 327.749.

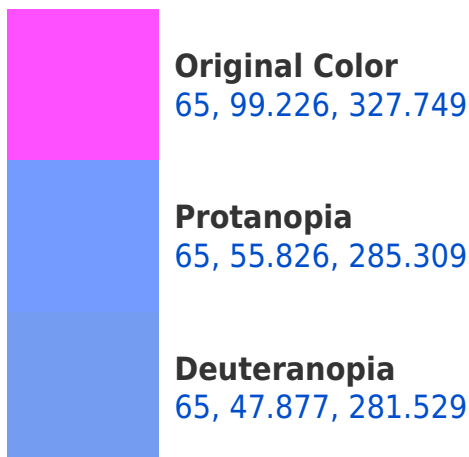


This preview shows how white text looks on a background with the CIELCh color 65, 99.226, 327.749.

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, 49.458, 20.241

Trichromacy



Original Color
65, 99.226, 327.749



Protanomaly
62, 71.734, 305.608



Deuteranomaly
62, 66.394, 305.896



Tritanomaly
64, 61.072, 350.417

Monochromacy



Original Color
65, 99.226, 327.749



Achromatopsia
63, 0.008, 296.813



Achromatomaly
61, 41.656, 326.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 99.226, 327.749 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, 80, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 80, 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(254, 80, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 80, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 99.226, 327.749 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, 80, 254) }
```

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

```
.border{ border-color:rgb(254, 80, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 80, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 80, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 80, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 80,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 99.226, 327.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 80, 254) }
```

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

```
.background{ background-color: rgb(254, 80,  
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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