

Converting Colors

CIELCh(65, 91.043, 328.604)

Have a look what the booklet for
CIELCh(65, 91.043, 328.604)
contains.

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Color

CIELCh(65, 91.068, 328.594)

Conversions

Conversions Part 1

Format	Color
Hex	F95AF4
RGB	249, 90, 244
RGB Percent	98%, 35%, 96%
CMY	0.0229, 0.6464, 0.0426
CMYK	0.00, 0.64, 0.02, 0.02
HSL	302°, 93%, 67%
HSV	302°, 64%, 98%
XYZ	59.1422, 34.0472, 89.1590
YIQ	155.0970, 45.3300, 81.6020

Conversions

Conversions Part 2

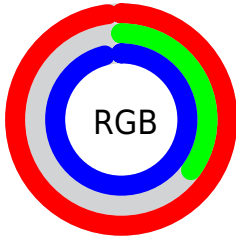
Format	Color
R _Y B	249, 90, 244
Decimal	16341748
CIE Lab	65.00, 77.73, -47.46
CIE LCh	65, 91.068, 328.594
Yxy	34.0472, 0.3243, 0.1867
Android (android.graphics.Color)	4294531828 (0xFFFF95AF4)
YUV	155.0970, 43.8292, 82.3529
Hunter-Lab	58.3500, 78.8111, -49.7505

Details

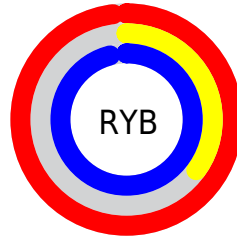
The CIELCh color **65, 91.068, 328.594** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **87, 92.588, 139.448**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **45, 90.992, 328.640** is the 20% darker color. If you saturate the color by 10%, you get **62, 100.183, 328.949**, and if you desaturate by 10%, it is **69, 79.550, 328.171**.

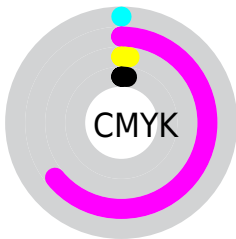
Distribution



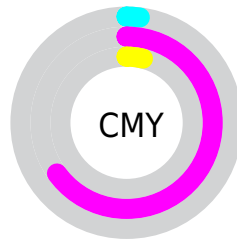
- Red (98%)
- Green (35%)
- Blue (96%)



- Red (98%)
- Yellow (35%)
- Blue (96%)



- Cyan (0%)
- Magenta (64%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 91.068, 328.594 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, 91.068, 328.594 by changing the saturation by 10% instead.


 65, 91.068,
328.594


 65, 91.068,
328.594


 100, 91.068,
328.594


 55, 91.068,
328.594


 85, 91.068,
328.594

 45, 91.068,
328.594

 95, 91.068,
328.594

 35, 91.068,
328.594

 25, 91.068,
328.594

 15, 91.068,
328.594

 5, 91.068, 328.594

 0, 91.068, 328.594

65, 91.068,
328.594

65, 91.068,
328.594

62, 100.183,
328.949

69, 79.550,
328.171

60, 106.463,
329.231

73, 66.240,
327.691

59, 109.803,
329.443

78, 51.744,
327.168

59, 110.736,
329.549

84, 36.589,
326.618

90, 21.182,
326.051

96, 5.815, 325.451

99, 3.418, 146.730

99, 3.106, 151.117

Harmonies

Complementary

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



65, 91.068, 328.594



87, 92.588, 139.448

Rectangle

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



65, 91.068, 328.594



65, 91.068, 18.594



65, 91.068, 148.594



65, 91.068, 198.594

Sweetspot

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



65, 91.065, 328.594



88, 29.740, 326.348



48, 92.162, 300.885



45, 20.475, 326.510



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, 91.065, 328.594



63, 104.390, 329.050



62, 67.734, 352.656



49, 8.720, 325.802



45, 89.908, 329.526



11, 40.805, 329.358

Inverse Universe

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



65, 91.065, 328.594



63, 104.390, 329.050



88, 63.793, 157.022



49, 8.720, 325.802



45, 89.908, 329.526



11, 40.805, 329.358

Previews

White Background



This preview shows how the CIELCh color 65, 91.068, 328.594 looks on a white background.

Color Contrast Check

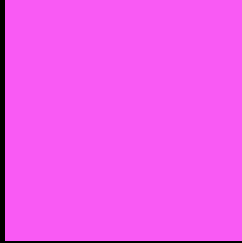
Large Text (above 18pt) WCAG AA × Fail

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, 91.068, 328.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

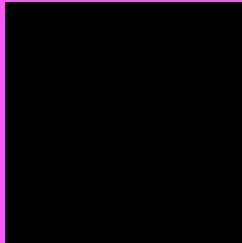
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 91.068, 328.594

Background



This preview shows how black text looks on a background with the CIELCh color 65, 91.068, 328.594.

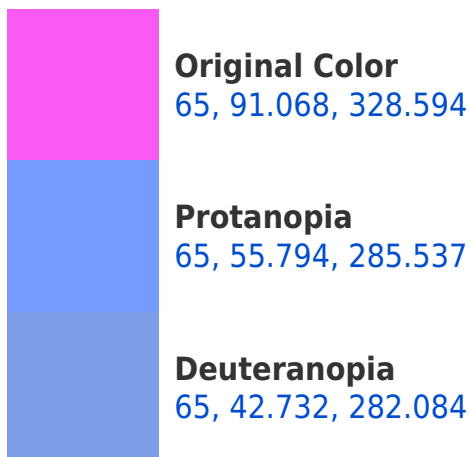


This preview shows how white text looks on a background with the CIELCh color 65, 91.068, 328.594.

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, 46.815, 18.935

Trichromacy



Original Color
65, 91.068, 328.594



Protanomaly
63, 67.772, 304.948



Deuteranomaly
63, 59.294, 306.783



Tritanomaly
64, 57.137, 351.181

Monochromacy



Original Color
65, 91.068, 328.594



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 37.533, 327.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 91.068, 328.594 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(249, 90, 244)` looks like.

```
.text, #text, p{  
    color:rgb(249, 90, 244)  
}
```

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(249, 90, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 90, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 91.068, 328.594 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(249, 90, 244) }
```

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

```
.border{ border-color:rgb(249, 90, 244) }
```

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

Here you see how a box with a 4 pixel rgb(249, 90, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 90, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 90, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 90,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 91.068, 328.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 90, 244) }
```

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

```
.background{ background-color: rgb(249, 90,  
244) }
```

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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