

Converting Colors

CIELCh(65, 91.241, 330.658)

Have a look what the booklet for
CIELCh(65, 91.241, 330.658)
contains.

CIELCh(65, 91.242, 330.689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 91.242, 330.689)

Conversions

Conversions Part 1

Format	Color
Hex	FE56EF
RGB	254, 86, 239
RGB Percent	100%, 34%, 94%
CMY	0.0031, 0.6618, 0.0619
CMYK	0.00, 0.66, 0.06, 0.00
HSL	305°, 99%, 67%
HSV	305°, 66%, 100%
XYZ	59.9080, 34.0472, 85.2327
YIQ	153.6740, 51.0150, 83.1990

Conversions

Conversions Part 2

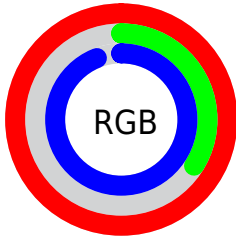
Format	Color
R _{YB}	254, 86, 239
Decimal	16668399
CIE _{Lab}	65.00, 79.56, -44.67
CIE _{LCh}	65, 91.242, 330.689
Yxy	34.0472, 0.3343, 0.1900
Android (android.graphics.Color)	4294858479 (0xFFFE56EF)
YUV	153.6740, 42.0657, 87.9859
Hunter-Lab	58.3500, 81.1539, -45.7609

Details

The CIELCh color **65, 91.242, 330.689** 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, 93.383, 140.579**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.782, 326.709**, and **45, 89.609, 330.866** is the 20% darker color. If you saturate the color by 10%, you get **62, 99.437, 331.170**, and if you desaturate by 10%, it is **69, 80.504, 330.174**.

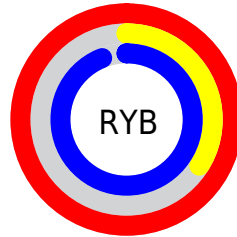
Distribution



Red (100%)

Green (34%)

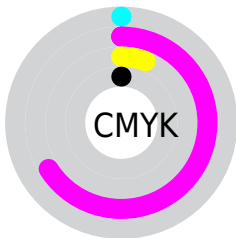
Blue (94%)



Red (100%)

Yellow (34%)

Blue (94%)

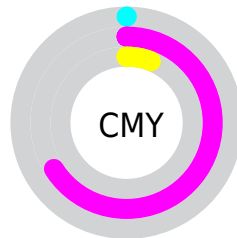


Cyan (0%)

Magenta (66%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (66%)

Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 91.242, 330.689 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, 91.242, 330.689 by changing the saturation by 10% instead.

 65, 91.242,
330.689


 65, 91.242,
330.689


 100, 91.242,
330.689


 55, 91.242,
330.689


 85, 91.242,
330.689

 45, 91.242,
330.689

 95, 91.242,
330.689

 35, 91.242,
330.689

 25, 91.242,
330.689

 15, 91.242,
330.689

 5, 91.242, 330.689

 0, 91.242, 330.689

65, 91.242,
330.689

65, 91.242,
330.689

62, 99.437,
331.170

69, 80.504,
330.174

60, 104.689,
331.622

73, 67.836,
329.626

59, 106.973,
332.058

78, 53.867,
329.055

59, 107.342,
332.228

84, 39.148,
328.468

90, 24.111,
327.873

96, 9.068, 327.267

100, 0.271,
201.830

Harmonies

Complementary

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



65, 91.242, 330.689



89, 93.383, 140.579

Rectangle

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



65, 91.242, 330.689



65, 91.242, 20.689



65, 91.242, 150.689



65, 91.242, 200.689

Sweetspot

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



65, 91.239, 330.689



88, 30.097, 328.107



48, 96.946, 302.539



45, 20.539, 328.274



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, 91.239, 330.689



62, 101.529, 331.305



62, 69.022, 357.964



50, 8.519, 327.479



44, 86.765, 332.154



12, 40.255, 331.641

Inverse Universe

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



65, 91.239, 330.689



62, 101.529, 331.305



90, 62.601, 160.347



50, 8.519, 327.479



44, 86.765, 332.154



12, 40.255, 331.641

Previews

White Background



This preview shows how the CIELCh color 65, 91.242, 330.689 looks on a white background.

Color Contrast Check

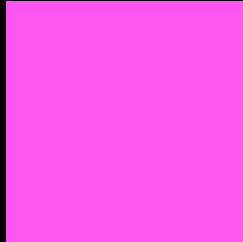
Large Text (above 18pt) WCAG AA × Fail

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, 91.242, 330.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

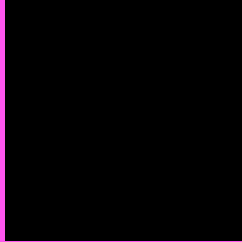
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 91.242, 330.689

Background



This preview shows how black text looks on a background with the CIELCh color 65, 91.242, 330.689.

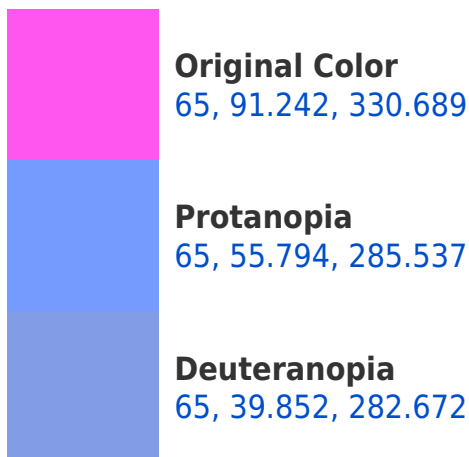


This preview shows how white text looks on a background with the CIELCh color 65, 91.242, 330.689.

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](#).

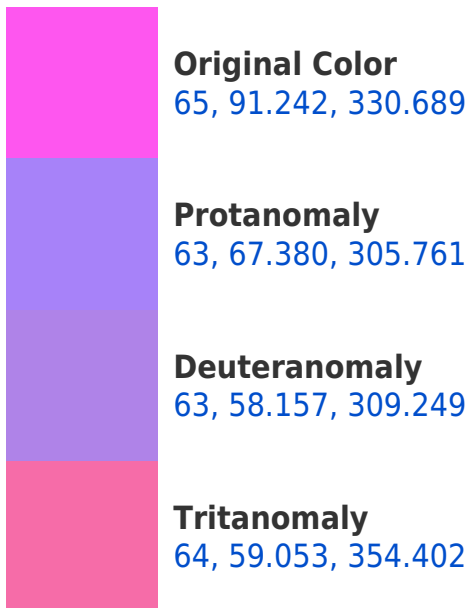
Dichromacy





Tritanopia
65, 50.737, 20.555

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 91.242, 330.689 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, 86, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 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(254, 86, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 91.242, 330.689 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, 86, 239) }
```

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

```
.border{ border-color:rgb(254, 86, 239) }
```

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

Here you see how a box with a 4 pixel rgb(254, 86, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 91.242, 330.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 239) }
```

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

```
.background{ background-color: rgb(254, 86,  
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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