

Converting Colors

CIELCh(65, 92.110, 324.187)

Have a look what the booklet for
CIELCh(65, 92.110, 324.187)
contains.

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Color

CIELCh(65, 91.700, 324.355)

Conversions

Conversions Part 1

Format	Color
Hex	EF61FF
RGB	239, 97, 255
RGB Percent	94%, 38%, 100%
CMY	0.0634, 0.6203, 0.0007
CMYK	0.06, 0.62, 0.00, 0.00
HSL	294°, 100%, 69%
HSV	294°, 62%, 100%
XYZ	57.8193, 34.0472, 97.9894
YIQ	157.4700, 33.9140, 79.2420

Conversions

Conversions Part 2

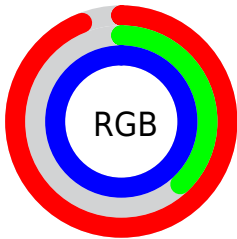
Format	Color
R _Y B	239, 97, 255
Decimal	15688191
CIE Lab	65.00, 74.52, -53.44
CIE LCh	65, 91.700, 324.355
Yxy	34.0472, 0.3045, 0.1793
Android (android.graphics.Color)	4293878271 (0xFFEF61FF)
YUV	157.4700, 48.0823, 71.5018
Hunter-Lab	58.3500, 74.7641, -58.7231

Details

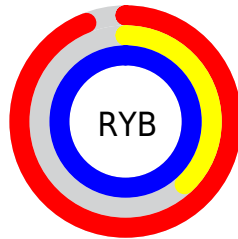
The CIELCh color **65, 91.700, 324.355** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 91.605, 137.153**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **45, 91.944, 324.175** is the 20% darker color. If you saturate the color by 10%, you get **61, 102.190, 324.535**, and if you desaturate by 10%, it is **69, 79.021, 324.057**.

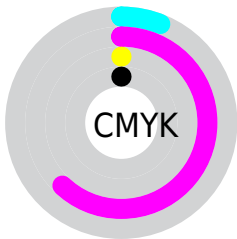
Distribution



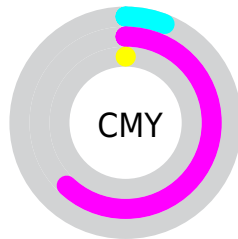
- Red (94%)
- Green (38%)
- Blue (100%)



- Red (94%)
- Yellow (38%)
- Blue (100%)



- Cyan (6%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (62%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 91.700, 324.355 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, 91.700, 324.355 by changing the saturation by 10% instead.


 65, 91.700,
324.355


 65, 91.700,
324.355


 100, 91.700,
324.355


 55, 91.700,
324.355


 85, 91.700,
324.355

 45, 91.700,
324.355

 95, 91.700,
324.355

 35, 91.700,
324.355

 25, 91.700,
324.355

 15, 91.700,
324.355

 5, 91.700, 324.355

 0, 91.700, 324.355

65, 91.700,
324.355

65, 91.700,
324.355

61, 102.190,
324.535

69, 79.021,
324.057

59, 109.904,
324.570

75, 64.829,
323.671

57, 114.528,
324.440

80, 49.723,
323.227

56, 116.324,
324.231

86, 34.184,
322.748

92, 18.556,
322.250

99, 3.076, 321.684

100, 0.074,
109.128

Harmonies

Complementary

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



65, 91.700, 324.355



90, 91.605, 137.153

Rectangle

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



65, 91.700, 324.355



65, 91.700, 14.355



65, 91.700, 144.355



65, 91.700, 194.355

Sweetspot

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



65, 91.698, 324.355



88, 29.507, 322.600



54, 79.733, 295.915



45, 20.328, 322.741



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, 91.698, 324.355



61, 104.025, 324.555



65, 72.197, 343.955



50, 8.781, 322.123



42, 93.723, 324.298



11, 43.068, 324.760

Inverse Universe

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



62, 65.505, 21.035



58, 78.260, 25.268



90, 71.353, 151.026



50, 5.290, 11.778



40, 79.915, 35.888



10, 32.592, 23.062

Previews

White Background



This preview shows how the CIELCh color 65, 91.700, 324.355 looks on a white background.

Color Contrast Check

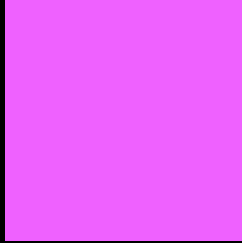
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 91.700, 324.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

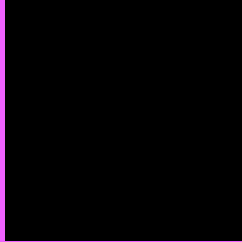
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 91.700, 324.355

Background



This preview shows how black text looks on a background with the CIELCh color 65, 91.700, 324.355.

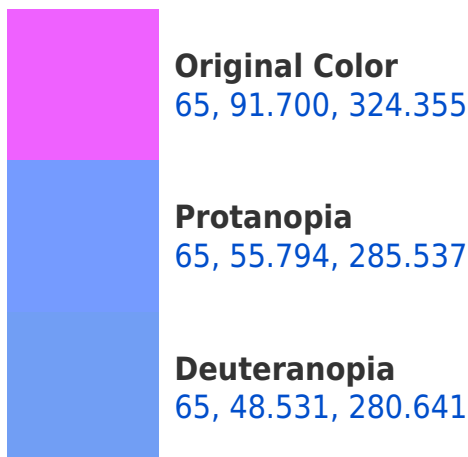


This preview shows how white text looks on a background with the CIELCh color 65, 91.700, 324.355.

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, 38.667, 15.708

Trichromacy



Original Color
65, 91.700, 324.355



Protanomaly
63, 67.970, 303.160



Deuteranomaly
63, 62.974, 302.365

Tritanomaly
64, 52.497, 344.353

Monochromacy



Original Color
65, 91.700, 324.355



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 37.263, 323.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 91.700, 324.355 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(239, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 97, 255)  
}
```

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(239, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 97, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 91.700, 324.355 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(239, 97, 255) }
```

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

```
.border{ border-color:rgb(239, 97, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 97, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 97,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 91.700, 324.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 97, 255) }
```

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

```
.background{ background-color: rgb(239, 97,  
255) }
```

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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