Converting Colors

CIELCh(65, 88.857, 328.557)

Have a look what the booklet for CIELCh(65, 88.857, 328.557) contains.

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Color

CIELCh(65, 88.841, 328.566)

Conversions

Conversions Part 1

Format	Color
Hex	F75DF2
RGB	247, 93, 242
RGB Percent	97%, 36%, 95%
CMY	0.0311, 0.6349, 0.0507
CMYK	0.00, 0.62, 0.02, 0.03
HSL	302°, 91%, 67%
HSV	302°, 62%, 97%
XYZ	58.3463, 34.0472, 87.5627
YIQ	156.0320, 43.9550, 78.9870

Conversions

Conversions Part 2

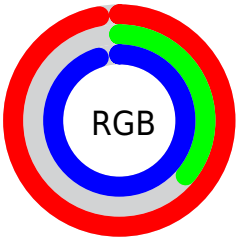
Format	Color
RYB	247, 93, 242
Decimal	16211442
CIELab	65.00, 75.80, -46.33
CIELCh	65, 88.841, 328.566
Yxy	34.0472, 0.3242, 0.1892
Android (android.graphics.Color)	4294401522 (0xFFF75DF2)
YUV	156.0320, 42.3822, 79.7789
Hunter-Lab	58.3500, 76.3765, -48.1284

Details

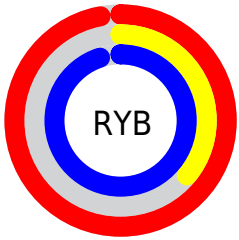
The CIELCh color 65, 88.841, 328.566 is a light color, and the websafe version is hex FF66FF. The color can be described as light muted magenta. A complement of this color would be 87, 90.203, 139.657, and the grayscale version is 64, 0.008, 296.813.

A 20% lighter version of the original color is 77, 63.873, 326.613, and 45, 88.721, 328.594 is the 20% darker color. If you saturate the color by 10%, you get 62, 98.283, 328.934, and if you desaturate by 10%, it is 69, 77.099, 328.132.

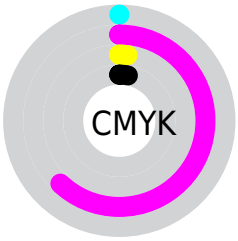
Distribution



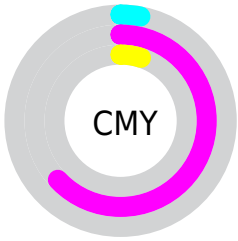
- Red (97%)
- Green (36%)
- Blue (95%)



- Red (97%)
- Yellow (36%)
- Blue (95%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (63%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 88.841, 328.566 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, 88.841, 328.566 by changing the saturation by 10% instead.

65, 88.841, 328.566

100, 88.841, 328.566

85, 88.841, 328.566

95, 88.841, 328.566

65, 88.841, 328.566

55, 88.841, 328.566

45, 88.841, 328.566

35, 88.841, 328.566

25, 88.841, 328.566

15, 88.841, 328.566

5, 88.841, 328.566

0, 88.841, 328.566

65, 88.841, 328.566

62, 98.283, 328.934

60, 104.959, 329.229

59, 108.702, 329.454

58, 109.952, 329.591

65, 88.841, 328.566

69, 77.099, 328.132

73, 63.673, 327.644

79, 49.155, 327.116

84, 34.051, 326.562

90, 18.749, 325.993

96, 3.520, 325.361

99, 4.653, 146.501

99, 4.331, 149.704

99, 4.024, 153.403

Harmonies

Complementary

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

65, 88.841, 328.566

87, 90.203, 139.657

Rectangle

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

65, 88.841, 328.566

65, 88.841, 18.566

65, 88.841, 148.566

65, 88.841, 198.566

Sweetspot

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

65, 88.838, 328.566

88, 29.720, 326.376

48, 89.229, 300.559

45, 20.461, 326.538

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, 88.838, 328.566

63, 102.875, 329.024

62, 66.056, 352.343

48, 8.567, 325.828

44, 88.935, 329.567

11, 39.675, 329.385

Inverse Universe

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

65, 88.838, 328.566

63, 102.875, 329.024

88, 62.158, 157.277

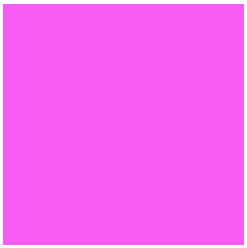
48, 8.567, 325.828

44, 88.935, 329.567

11, 39.675, 329.385

Previews

White Background

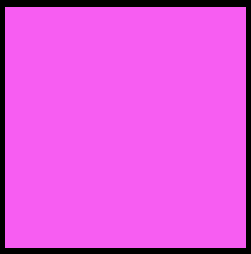


This preview shows how the CIELCh color 65, 88.841, 328.566 looks on a white background.

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



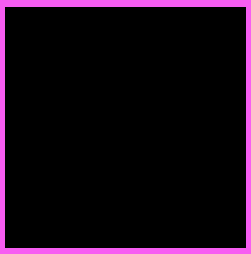
This preview shows how the CIELCh color 65, 88.841, 328.566 looks on a black background.

Color Contrast Check

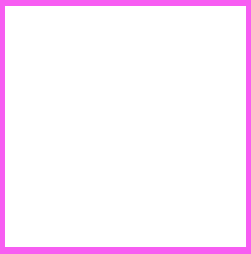
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 65, 88.841, 328.566 Background



This preview shows how black text looks on a background with the CIELCh color 65, 88.841, 328.566.

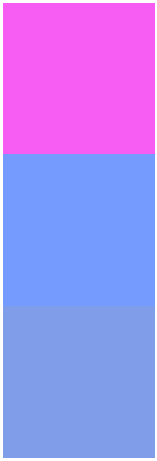


This preview shows how white text looks on a background with the CIELCh color 65, 88.841, 328.566.

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



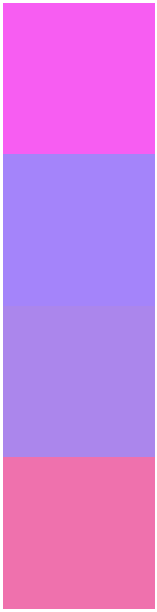
Original Color
65, 88.841, 328.566

Protanopia
65, 55.794, 285.537

Deuteranopia
65, 42.113, 282.535

Tritanopia
65, 45.946, 18.687

Trichromacy



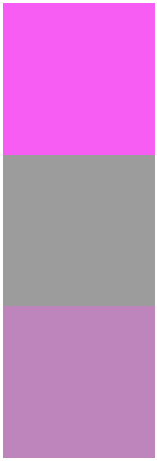
Original Color
65, 88.841, 328.566

Protanomaly
63, 66.606, 304.529

Deuteranomaly
63, 58.182, 306.947

Tritanomaly
64, 55.580, 351.015

Monochromacy



Original Color
65, 88.841, 328.566

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 36.226, 327.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 88.841, 328.566 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(247, 93, 242) looks like.

```
.text, #text, p{
    color:rgb(247, 93, 242)
}
```

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(247, 93, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 93, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 88.841, 328.566 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(247, 93, 242) }
```

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

```
.border{ border-color:rgb(247, 93, 242) }
```

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

Here you see how a box with a 4 pixel rgb(247, 93, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 93, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 93, 242); box-shadow:4px 4px 4px 4px rgb(247, 93, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 88.841, 328.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 93, 242) }
```

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

```
.background{ background-color:rgb(247, 93,
242) }
```

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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