

Converting Colors

CIELCh(65, 85.651, 327.967)

Have a look what the booklet for
CIELCh(65, 85.651, 327.967)
contains.

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Color

CIELCh(65, 85.455, 328.083)

Conversions

Conversions Part 1

Format	Color
Hex	F362F0
RGB	243, 98, 240
RGB Percent	95%, 38%, 94%
CMY	0.0474, 0.6160, 0.0591
CMYK	0.00, 0.60, 0.01, 0.05
HSL	301°, 86%, 67%
HSV	301°, 60%, 95%
XYZ	57.0108, 34.0472, 85.9446
YIQ	157.5430, 40.8380, 74.9020

Conversions

Conversions Part 2

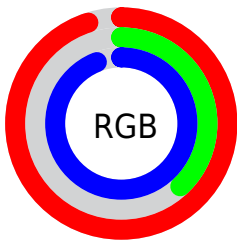
Format	Color
R _{YB}	243, 98, 240
Decimal	15950576
CIE _{Lab}	65.00, 72.54, -45.18
CIE _{LCh}	65, 85.455, 328.083
Yxy	34.0472, 0.3221, 0.1924
Android (android.graphics.Color)	4294140656 (0xFFFF362F0)
YUV	157.5430, 40.6513, 74.9458
Hunter-Lab	58.3500, 72.2909, -46.4842

Details

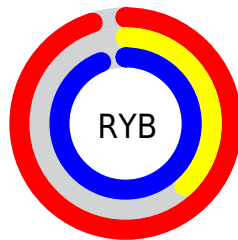
The CIELCh color **65, 85.455, 328.083** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **86, 86.504, 139.696**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **45, 85.384, 328.282** is the 20% darker color. If you saturate the color by 10%, you get **62, 95.522, 328.448**, and if you desaturate by 10%, it is **69, 73.269, 327.650**.

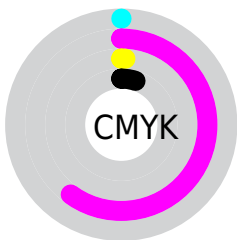
Distribution



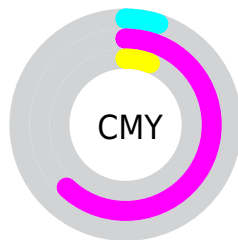
- Red (95%)
- Green (38%)
- Blue (94%)



- Red (95%)
- Yellow (38%)
- Blue (94%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (62%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 85.455, 328.083 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, 85.455, 328.083 by changing the saturation by 10% instead.


 65, 85.455,
328.083


 65, 85.455,
328.083


 100, 85.455,
328.083


 55, 85.455,
328.083


 85, 85.455,
328.083

 45, 85.455,
328.083

 95, 85.455,
328.083

 35, 85.455,
328.083

 25, 85.455,
328.083

 15, 85.455,
328.083

 5, 85.455, 328.083

 0, 85.455, 328.083

65, 85.455,
328.083

65, 85.455,
328.083

62, 95.522,
328.448

69, 73.269,
327.650

59, 102.963,
328.734

74, 59.578,
327.161

58, 107.520,
328.940

79, 44.948,
326.634

57, 109.531,
329.081

84, 29.849,
326.082

57, 109.579,
329.085

90, 14.632,
325.514

96, 0.458, 145.644

99, 7.288, 145.377

99, 7.081, 146.572

Harmonies

Complementary

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



65, 85.455, 328.083



86, 86.504, 139.696

Rectangle

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



65, 85.455, 328.083



65, 85.455, 18.083



65, 85.455, 148.083



65, 85.455, 198.083

Sweetspot

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



65, 85.452, 328.083



89, 28.376, 325.990



49, 83.948, 299.980



46, 19.727, 326.153



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, 85.452, 328.083



64, 101.299, 328.527



62, 62.923, 351.811



48, 8.637, 325.502



44, 89.764, 329.070



11, 39.995, 328.957

Inverse Universe

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



65, 85.452, 328.083



64, 101.299, 328.527



87, 59.151, 157.719



48, 8.637, 325.502



44, 89.764, 329.070



11, 39.995, 328.957

Previews

White Background



This preview shows how the CIELCh color 65, 85.455, 328.083 looks on a white background.

Color Contrast Check

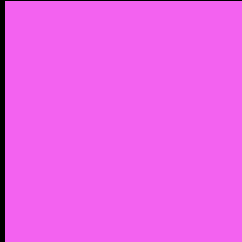
Large Text (above 18pt) WCAG AA × Fail

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, 85.455, 328.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

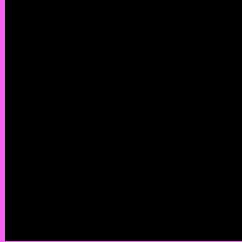
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 85.455, 328.083

Background



This preview shows how black text looks on a background with the CIELCh color 65, 85.455, 328.083.

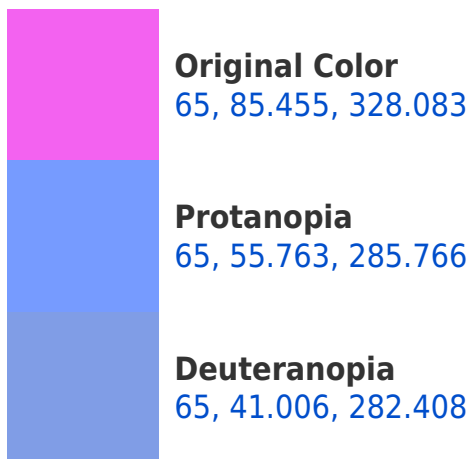


This preview shows how white text looks on a background with the CIELCh color 65, 85.455, 328.083.

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, 42.933, 17.814

Trichromacy



Original Color
65, 85.455, 328.083



Protanomaly
63, 65.350, 303.821



Deuteranomaly
63, 55.829, 306.346



Tritanomaly
64, 53.142, 349.953

Monochromacy



Original Color
65, 85.455, 328.083



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 34.071, 326.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 85.455, 328.083 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(243, 98, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 98, 240)  
}
```

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(243, 98, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 98, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 85.455, 328.083 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(243, 98, 240) }
```

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

```
.border{ border-color:rgb(243, 98, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 98, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 98, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 98, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 98,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 85.455, 328.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 98, 240) }
```

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

```
.background{ background-color: rgb(243, 98,  
240) }
```

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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