

Converting Colors

CIELCh(64, 66.525, 346.506)

Have a look what the booklet for
CIELCh(64, 66.525, 346.506)
contains.

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Color

CIELCh(64, 66.232, 346.590)

Conversions

Conversions Part 1

Format	Color
Hex	F865B8
RGB	248, 101, 184
RGB Percent	97%, 40%, 72%
CMY	0.0267, 0.6032, 0.2778
CMYK	0.00, 0.59, 0.26, 0.03
HSL	326°, 92%, 69%
HSV	326°, 59%, 97%
XYZ	52.1203, 32.8017, 49.0257
YIQ	154.4150, 60.9690, 56.9770

Conversions

Conversions Part 2

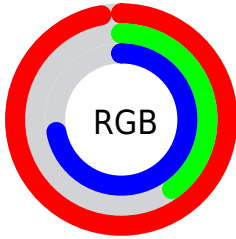
Format	Color
R_{YB}	248, 101, 184
Decimal	16278968
CIE _{Lab}	64.00, 64.43, -15.36
CIE _{LCh}	64, 66.232, 346.590
Yxy	32.8017, 0.3891, 0.2449
Android (android.graphics.Color)	4294469048 (0xFFFF865B8)
YUV	154.4150, 14.5854, 82.0740
Hunter-Lab	57.2727, 62.2141, -10.6615

Details

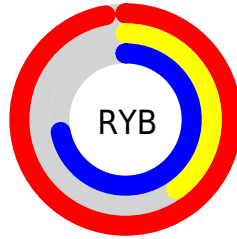
The CIELCh color **64, 66.232, 346.590** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **88, 64.246, 153.782**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 54.357, 331.370**, and **44, 66.296, 346.538** is the 20% darker color. If you saturate the color by 10%, you get **60, 74.320, 348.319**, and if you desaturate by 10%, it is **69, 56.421, 345.157**.

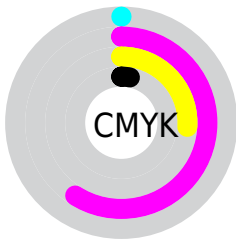
Distribution



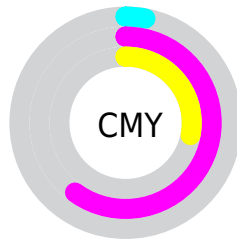
- Red (97%)
- Green (40%)
- Blue (72%)



- Red (97%)
- Yellow (40%)
- Blue (72%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (60%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 66.232, 346.590 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 64, 66.232, 346.590 by changing the saturation by 10% instead.


 64, 66.232,
346.590


 64, 66.232,
346.590


 100, 66.232,
346.590


 54, 66.232,
346.590


 84, 66.232,
346.590

 44, 66.232,
346.590

 94, 66.232,
346.590

 34, 66.232,
346.590

 24, 66.232,
346.590

 14, 66.232,
346.590

 4, 66.232, 346.590

 0, 66.232, 346.590

64, 66.232,
346.590

64, 66.232,
346.590

60, 74.320,
348.319

69, 56.421,
345.157

57, 80.124,
350.455

74, 45.501,
343.933

55, 83.307,
353.142

80, 33.986,
342.861

54, 84.152,
356.475

86, 22.261,
341.903

54, 84.188,
356.745

92, 10.590,
341.020

98, 0.863, 160.798

100, 2.360,
199.536

Harmonies

Complementary

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



64, 66.232, 346.590



88, 64.246, 153.782

Rectangle

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



64, 66.232, 346.590



64, 66.232, 36.590



64, 66.232, 166.590



64, 66.232, 216.590

Sweetspot

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



64, 66.228, 346.591



88, 21.280, 341.793



56, 84.195, 310.158



45, 14.817, 342.060



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 66.228, 346.591



61, 77.161, 348.684



62, 61.769, 22.736



49, 6.560, 341.043



41, 68.696, 356.081



10, 31.807, 351.297

Inverse Universe

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



64, 66.228, 346.591



61, 77.161, 348.684



90, 41.944, 189.723



49, 6.560, 341.043



41, 68.696, 356.081



10, 31.807, 351.297

Previews

White Background



This preview shows how the CIELCh color 64, 66.232, 346.590 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 64, 66.232, 346.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

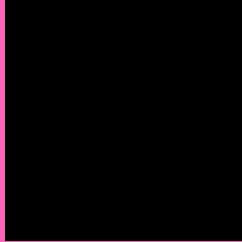
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 66.232, 346.590

Background



This preview shows how black text looks on a background with the CIELCh color 64, 66.232, 346.590.



This preview shows how white text looks on a background with the CIELCh color 64, 66.232, 346.590.

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](#).

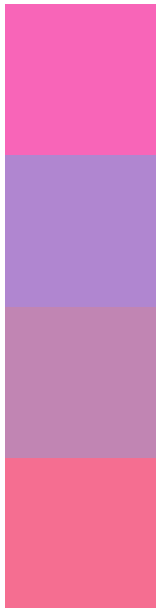
Dichromacy





Tritanopia
64, 53.479, 21.312

Trichromacy



Original Color
64, 66.232, 346.590

Protanomaly
62, 43.901, 313.020

Deuteranomaly
63, 33.749, 333.786

Tritanomaly
64, 55.381, 7.001

Monochromacy



Original Color
64, 66.232, 346.590

Achromatopsia
64, 0.008, 296.813

Achromatomaly
62, 26.785, 342.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 66.232, 346.590 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(248, 101, 184)` looks like.

```
.text, #text, p{  
    color:rgb(248, 101, 184)  
}
```

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(248, 101, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 101, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 66.232, 346.590 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(248, 101, 184) }
```

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

```
.border{ border-color:rgb(248, 101, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 101, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 101, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 101, 184);  
box-shadow:4px 4px 4px 4px rgb(248, 101,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 66.232, 346.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 101, 184) }
```

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

```
.background{ background-color: rgb(248,  
101, 184) }
```

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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