

Converting Colors

CIELCh(66, 62.339, 342.332)

Have a look what the booklet for
CIELCh(66, 62.339, 342.332)
contains.

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Color

CIELCh(66, 62.324, 342.307)

Conversions

Conversions Part 1

Format	Color
Hex	F572C4
RGB	245, 114, 196
RGB Percent	96%, 45%, 77%
CMY	0.0402, 0.5538, 0.2323
CMYK	0.00, 0.54, 0.20, 0.04
HSL	322°, 86%, 70%
HSV	322°, 54%, 96%
XYZ	53.4963, 35.3238, 56.0839
YIQ	162.5170, 51.7540, 53.2740

Conversions

Conversions Part 2

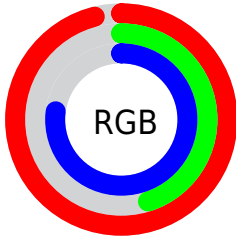
Format	Color
R _Y B	245, 114, 196
Decimal	16085700
CIE Lab	66.00, 59.38, -18.94
CIE LCh	66, 62.324, 342.307
Yxy	35.3238, 0.3692, 0.2438
Android (android.graphics.Color)	4294275780 (0xFFFF572C4)
YUV	162.5170, 16.5071, 72.3376
Hunter-Lab	59.4338, 56.6584, -14.3445

Details

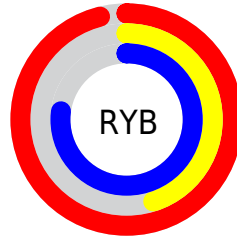
The CIELCh color **66, 62.324, 342.307** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **88, 61.200, 151.952**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 52.276, 326.916**, and **46, 62.421, 342.409** is the 20% darker color. If you saturate the color by 10%, you get **62, 71.576, 343.617**, and if you desaturate by 10%, it is **71, 51.632, 341.177**.

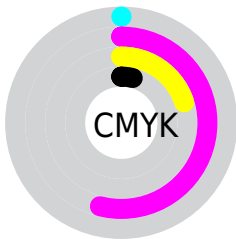
Distribution



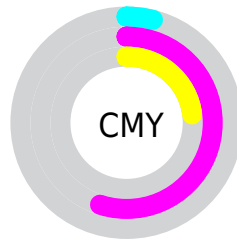
- Red (96%)
- Green (45%)
- Blue (77%)



- Red (96%)
- Yellow (45%)
- Blue (77%)



- Cyan (0%)
- Magenta (54%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (55%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 62.324, 342.307 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 66, 62.324, 342.307 by changing the saturation by 10% instead.


 66, 62.324,
342.307


 66, 62.324,
342.307


 100, 62.324,
342.307


 56, 62.324,
342.307


 86, 62.324,
342.307

 46, 62.324,
342.307

 96, 62.324,
342.307

 36, 62.324,
342.307

 26, 62.324,
342.307

 16, 62.324,
342.307

 6, 62.324, 342.307

 0, 62.324, 342.307

66, 62.324,
342.307

66, 62.324,
342.307

62, 71.576,
343.617

71, 51.632,
341.177

58, 78.783,
345.176

76, 40.080,
340.174

56, 83.435,
347.083

82, 28.116,
339.268

54, 85.354,
349.454

88, 16.066,
338.431

54, 85.488,
351.242

94, 4.143, 337.594

99, 4.212, 167.914

99, 3.543, 199.368

Harmonies

Complementary

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



66, 62.324, 342.307



88, 61.200, 151.952

Rectangle

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



66, 62.324, 342.307



66, 62.324, 32.307



66, 62.324, 162.307



66, 62.324, 212.307

Sweetspot

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



66, 62.321, 342.308



90, 19.701, 338.637



58, 74.972, 307.868



46, 13.319, 338.807



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 62.321, 342.308



64, 74.369, 343.706



64, 53.907, 16.227



48, 6.734, 338.106



41, 69.834, 350.709



9, 31.908, 346.747

Inverse Universe

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



66, 62.321, 342.308



64, 74.369, 343.706



89, 40.346, 183.689



48, 6.734, 338.106



41, 69.834, 350.709



9, 31.908, 346.747

Previews

White Background



This preview shows how the CIELCh color 66, 62.324, 342.307 looks on a white background.

Color Contrast Check

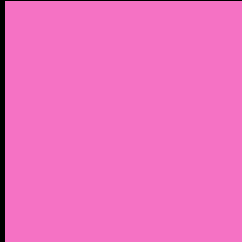
Large Text (above 18pt) WCAG AA × Fail

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 66, 62.324, 342.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

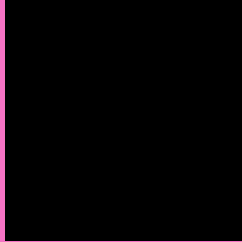
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 62.324, 342.307

Background



This preview shows how black text looks on a background with the CIELCh color 66, 62.324, 342.307.



This preview shows how white text looks on a background with the CIELCh color 66, 62.324, 342.307.

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

66, 62.324, 342.307

Protanopia

66, 38.964, 285.632

Deuteranopia

66, 17.926, 298.807



Tritanopia
66, 46.185, 18.673

Trichromacy



Original Color
66, 62.324, 342.307



Protanomaly
65, 42.949, 309.877



Deuteranomaly
65, 33.474, 326.969



Tritanomaly
66, 49.408, 2.448

Monochromacy



Original Color
66, 62.324, 342.307



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 24.535, 339.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 62.324, 342.307 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(245, 114, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 114, 196)  
}
```

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(245, 114, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 114, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 62.324, 342.307 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(245, 114, 196) }
```

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

```
.border{ border-color:rgb(245, 114, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 114, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 114, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 114, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 114,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 62.324, 342.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 114, 196) }
```

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

```
.background{ background-color: rgb(245,  
114, 196) }
```

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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