

Converting Colors

CIELCh(82, 105.132, 2.547)

Have a look what the booklet for
CIELCh(82, 105.132, 2.547) contains.

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Color

CIELCh(62, 82.022, 340.867)

Conversions

Conversions Part 1

Format	Color
Hex	FE4CC7
RGB	254, 76, 199
RGB Percent	100%, 30%, 78%
CMY	0.0035, 0.7017, 0.2188
CMYK	0.00, 0.70, 0.22, 0.00
HSL	319°, 99%, 65%
HSV	319°, 70%, 100%
XYZ	53.8367, 30.4025, 57.1887
YIQ	143.2440, 66.6050, 75.9890

Conversions

Conversions Part 2

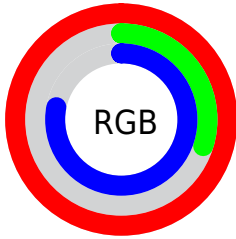
Format	Color
R_YB	254, 76, 199
Decimal	16665799
CIE _{Lab}	62.00, 77.49, -26.88
CIE _{LCh}	62, 82.022, 340.867
Yxy	30.4025, 0.3807, 0.2150
Android (android.graphics.Color)	4294855879 (0xFFFE4CC7)
YUV	143.2440, 27.4877, 97.1330
Hunter-Lab	55.1385, 77.7934, -22.8976

Details

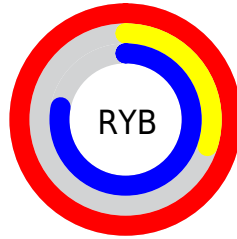
The CIELCh color **62, 82.022, 340.867** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **89, 83.738, 146.719**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **43, 77.434, 341.322** is the 20% darker color. If you saturate the color by 10%, you get **59, 87.884, 342.264**, and if you desaturate by 10%, it is **66, 73.572, 339.680**.

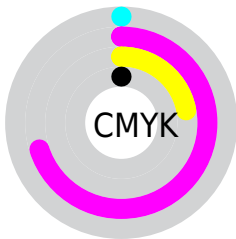
Distribution



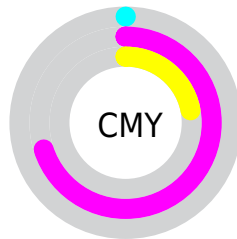
- Red (100%)
- Green (30%)
- Blue (78%)



- Red (100%)
- Yellow (30%)
- Blue (78%)



- Cyan (0%)
- Magenta (70%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 82.022, 340.867 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 62, 82.022, 340.867 by changing the saturation by 10% instead.

 62, 82.022,
340.867

 62, 82.022,
340.867


 100, 82.022,
340.867

 52, 82.022,
340.867


 82, 82.022,
340.867

 42, 82.022,
340.867

 92, 82.022,
340.867

 32, 82.022,
340.867

 22, 82.022,
340.867

 12, 82.022,
340.867

 2, 82.022, 340.867

 0, 82.022, 340.867

62, 82.022,
340.867

62, 82.022,
340.867

59, 87.884,
342.264

66, 73.572,
339.680

57, 90.838,
343.951

70, 63.133,
338.641

56, 91.238,
345.965

75, 51.343,
337.707

81, 38.768,
336.850

87, 25.847,
336.053

93, 12.888,
335.297

100, 0.094,
330.263

100, 0.306,

Harmonies

Complementary

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



62, 82.022, 340.867



89, 83.738, 146.719

Rectangle

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



62, 82.022, 340.867



62, 82.022, 30.867



62, 82.022, 160.867



62, 82.022, 210.867

Sweetspot

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



62, 82.018, 340.867



87, 27.135, 336.126



48, 101.558, 307.461



44, 18.379, 336.342



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 82.018, 340.867



59, 89.638, 342.891



59, 71.696, 16.213



50, 7.296, 335.255



42, 73.923, 345.564



11, 34.839, 342.869

Inverse Universe

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



62, 82.018, 340.867



59, 89.638, 342.891



91, 52.807, 175.553



50, 7.296, 335.255



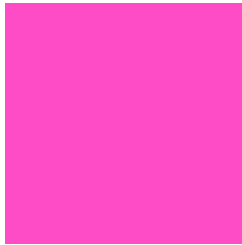
42, 73.923, 345.564



11, 34.839, 342.869

Previews

White Background



This preview shows how the CIELCh color 62, 82.022, 340.867 looks on a white background.

Color Contrast Check

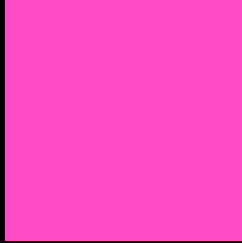
Large Text (above 18pt) WCAG AA × Fail

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 62, 82.022, 340.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

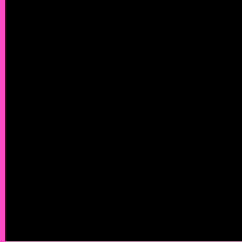
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 82.022, 340.867

Background



This preview shows how black text looks on a background with the CIELCh color 62, 82.022, 340.867.

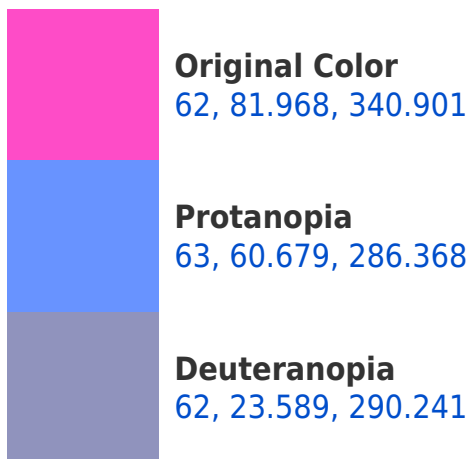


This preview shows how white text looks on a background with the CIELCh color 62, 82.022, 340.867.

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
62, 60.927, 23.839

Trichromacy



Original Color
62, 81.968, 340.901



Protanomaly
59, 65.368, 306.477



Deuteranomaly
60, 45.916, 322.728



Tritanomaly
62, 63.594, 4.800

Monochromacy



Original Color
62, 81.968, 340.901



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 34.389, 337.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 82.022, 340.867 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(254, 76, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 199)  
}
```

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(254, 76, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 82.022, 340.867 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(254, 76, 199) }
```

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

```
.border{ border-color:rgb(254, 76, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 76, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 76, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 76, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 76,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 82.022, 340.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 199) }
```

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

```
.background{ background-color: rgb(254, 76,  
199) }
```

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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