

Converting Colors

CIELCh(62, 80.469, 343.690)

Have a look what the booklet for
CIELCh(62, 80.469, 343.690)
contains.

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Color

CIELCh(62, 80.197, 343.344)

Conversions

Conversions Part 1

Format	Color
Hex	FF4CC0
RGB	255, 76, 192
RGB Percent	100%, 30%, 75%
CMY	0.0000, 0.7001, 0.2455
CMYK	0.00, 0.70, 0.25, 0.00
HSL	321°, 100%, 65%
HSV	321°, 70%, 100%
XYZ	53.5799, 30.4025, 53.1443
YIQ	142.7450, 69.4480, 74.0240

Conversions

Conversions Part 2

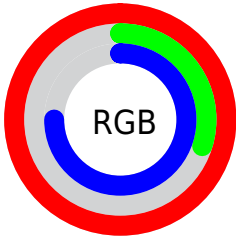
Format	Color
R _Y B	255, 76, 192
Decimal	16731328
CIE Lab	62.00, 76.83, -22.99
CIE LCh	62, 80.197, 343.344
Yxy	30.4025, 0.3907, 0.2217
Android (android.graphics.Color)	4294921408 (0xFFFF4CC0)
YUV	142.7450, 24.2827, 98.4476
Hunter-Lab	55.1385, 76.9619, -18.5488

Details

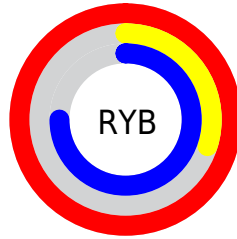
The CIELCh color **62, 80.197, 343.344** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **89, 81.076, 148.335**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 69.493, 328.400**, and **43, 75.649, 344.127** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.900, 344.881**, and if you desaturate by 10%, it is **66, 71.812, 341.877**.

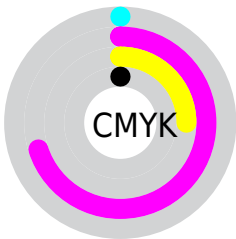
Distribution



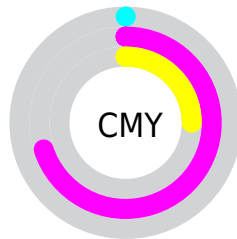
- Red (100%)
- Green (30%)
- Blue (75%)



- Red (100%)
- Yellow (30%)
- Blue (75%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 80.197, 343.344 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, 80.197, 343.344 by changing the saturation by 10% instead.

 62, 80.197,
343.344

 62, 80.197,
343.344


 100, 80.197,
343.344

 52, 80.197,
343.344


 82, 80.197,
343.344

 42, 80.197,
343.344

 92, 80.197,
343.344

 32, 80.197,
343.344

 22, 80.197,
343.344

 12, 80.197,
343.344

 2, 80.197, 343.344

 0, 80.197, 343.344

62, 80.197,
343.344

62, 80.197,
343.344

59, 85.900,
344.881

66, 71.812,
341.877

57, 88.816,
346.897

70, 61.560,
340.708

56, 89.228,
349.351

76, 50.004,
339.679

81, 37.706,
338.752

87, 25.093,
337.901

94, 12.465,
337.104

100, 0.018,
311.681

100, 0.012,

Harmonies

Complementary

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



62, 80.197, 343.344



89, 81.076, 148.335

Rectangle

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



62, 80.197, 343.344



62, 80.197, 33.344



62, 80.197, 163.344



62, 80.197, 213.344

Sweetspot

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



62, 80.122, 343.242



87, 26.351, 337.983



49, 101.437, 308.618



44, 17.852, 338.213



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, 80.122, 343.242



58, 87.412, 345.635



59, 72.828, 20.085



50, 7.080, 337.064



42, 72.107, 348.857



11, 34.006, 345.574

Inverse Universe

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



62, 80.122, 343.242



58, 87.412, 345.635



91, 50.551, 180.233



50, 7.080, 337.064



42, 72.107, 348.857



11, 34.006, 345.574

Previews

White Background



This preview shows how the CIELCh color 62, 80.197, 343.344 looks on a white background.

Color Contrast Check

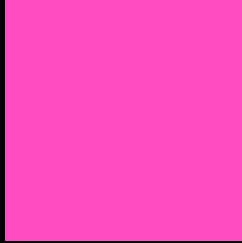
Large Text (above 18pt) WCAG AA × Fail

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, 80.197, 343.344 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, 80.197, 343.344

Background



This preview shows how black text looks on a background with the CIELCh color 62, 80.197, 343.344.

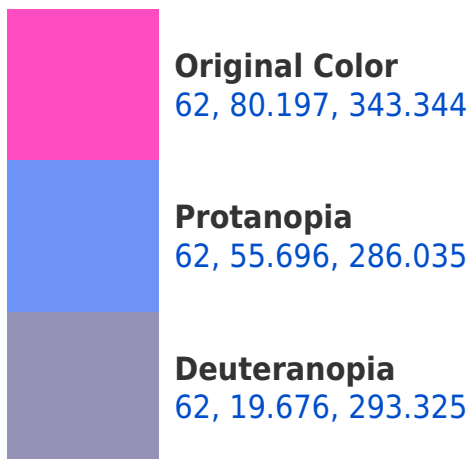


This preview shows how white text looks on a background with the CIELCh color 62, 80.197, 343.344.

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, 62.358, 24.607

Trichromacy



Original Color
62, 80.197, 343.344



Protanomaly
59, 61.276, 308.232



Deuteranomaly
60, 43.223, 326.747



Tritanomaly
62, 64.480, 6.929

Monochromacy



Original Color
62, 80.197, 343.344



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 33.936, 339.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 80.197, 343.344 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(255, 76, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 192)  
}
```

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(255, 76, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 80.197, 343.344 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(255, 76, 192) }
```

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

```
.border{ border-color:rgb(255, 76, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 80.197, 343.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 192) }
```

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

```
.background{ background-color: rgb(255, 76,  
192) }
```

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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