

Converting Colors

CIELCh(62, 78.297, 344.885)

Have a look what the booklet for
CIELCh(62, 78.297, 344.885)
contains.

CIELCh(62, 78.420, 344.798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 78.420, 344.798)

Conversions

Conversions Part 1

Format	Color
Hex	FF4EBC
RGB	255, 78, 188
RGB Percent	100%, 31%, 74%
CMY	0.0000, 0.6934, 0.2622
CMYK	0.00, 0.69, 0.26, 0.00
HSL	323°, 100%, 65%
HSV	323°, 69%, 100%
XYZ	53.1312, 30.4025, 50.7287
YIQ	143.4630, 70.1820, 71.7340

Conversions

Conversions Part 2

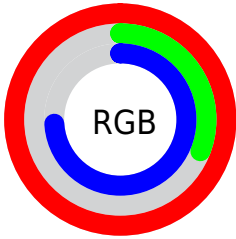
Format	Color
RYB	255, 78, 188
Decimal	16731836
CIELab	62.00, 75.68, -20.56
CIElCh	62, 78.420, 344.798
Yxy	30.4025, 0.3957, 0.2264
Android (android.graphics.Color)	4294921916 (0xFFFF4EBC)
YUV	143.4630, 21.9567, 97.8179
Hunter-Lab	55.1385, 75.5093, -15.9513

Details

The CIELCh color **62, 78.420, 344.798** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **89, 78.628, 149.559**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 66.964, 329.774**, and **43, 74.901, 345.266** is the 20% darker color. If you saturate the color by 10%, you get **59, 84.297, 346.543**, and if you desaturate by 10%, it is **66, 70.021, 343.290**.

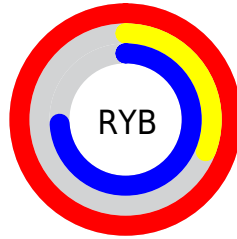
Distribution



Red (100%)

Green (31%)

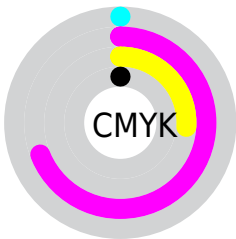
Blue (74%)



Red (100%)

Yellow (31%)

Blue (74%)

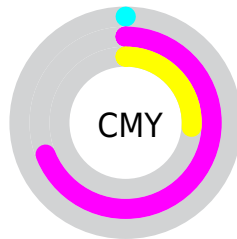


Cyan (0%)

Magenta (69%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 78.420, 344.798 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, 78.420, 344.798 by changing the saturation by 10% instead.

 62, 78.420,
344.798


 62, 78.420,
344.798


 100, 78.420,
344.798

 52, 78.420,
344.798


 82, 78.420,
344.798

 42, 78.420,
344.798

 92, 78.420,
344.798

 32, 78.420,
344.798

 22, 78.420,
344.798

 12, 78.420,
344.798

 2, 78.420, 344.798

 0, 78.420, 344.798

62, 78.420,
344.798

62, 78.420,
344.798

59, 84.297,
346.543

66, 70.021,
343.290

57, 87.400,
348.753

71, 59.794,
342.045

56, 87.966,
351.476

76, 48.339,
340.959

56, 87.973,
351.666

82, 36.201,
339.990

88, 23.794,
339.107

94, 11.404,
338.284

100, 0.012,
296.813

Harmonies

Complementary

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



62, 78.420, 344.798



89, 78.628, 149.559

Rectangle

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



62, 78.420, 344.798



62, 78.420, 34.798



62, 78.420, 164.798



62, 78.420, 214.798

Sweetspot

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



62, 78.387, 344.760



87, 25.860, 339.249



50, 100.430, 308.980



44, 17.523, 339.488



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, 78.387, 344.760



58, 85.764, 347.296



60, 72.571, 21.106



50, 6.944, 338.298



42, 71.083, 351.112



11, 33.514, 347.423

Inverse Universe

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



62, 78.387, 344.760



58, 85.764, 347.296



91, 49.552, 181.960



50, 6.944, 338.298



42, 71.083, 351.112



11, 33.514, 347.423

Previews

White Background



This preview shows how the CIELCh color 62, 78.420, 344.798 looks on a white background.

Color Contrast Check

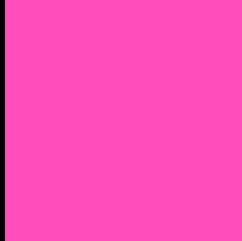
Large Text (above 18pt) WCAG AA × Fail

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, 78.420, 344.798 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, 78.420, 344.798

Background



This preview shows how black text looks on a background with the CIELCh color 62, 78.420, 344.798.

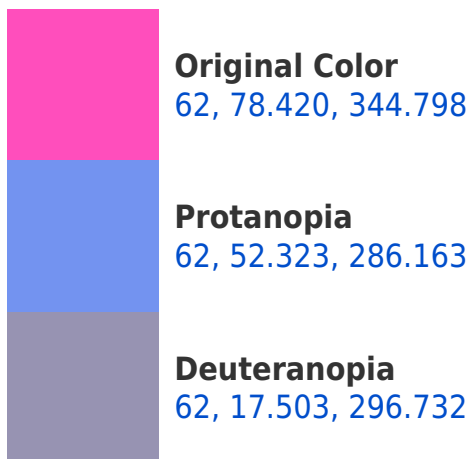


This preview shows how white text looks on a background with the CIELCh color 62, 78.420, 344.798.

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, 62.668, 24.258

Trichromacy



Original Color
62, 78.420, 344.798



Protanomaly
59, 57.632, 309.596



Deuteranomaly
60, 41.224, 329.466



Tritanomaly
62, 64.457, 7.419

Monochromacy



Original Color
62, 78.420, 344.798



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 32.961, 340.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 78.420, 344.798 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, 78, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 188)  
}
```

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, 78, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 78.420, 344.798 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, 78, 188) }
```

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

```
.border{ border-color:rgb(255, 78, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 78, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 78.420, 344.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 188) }
```

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

```
.background{ background-color: rgb(255, 78,  
188) }
```

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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