

Converting Colors

CIELCh(62, 77.083, 339.162)

Have a look what the booklet for
CIELCh(62, 77.083, 339.162)
contains.

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Color

CIELCh(62, 77.083, 339.162)

Conversions

Conversions Part 1

Format	Color
Hex	F656C8
RGB	246, 86, 200
RGB Percent	96%, 34%, 78%
CMY	0.0355, 0.6629, 0.2158
CMYK	0.00, 0.65, 0.19, 0.04
HSL	317°, 90%, 65%
HSV	317°, 65%, 96%
XYZ	51.7369, 30.4025, 57.7613
YIQ	146.8360, 58.7660, 69.3740

Conversions

Conversions Part 2

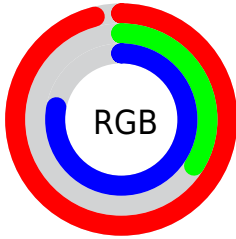
Format	Color
R _Y B	246, 86, 200
Decimal	16144072
CIE Lab	62.00, 72.04, -27.42
CIE LCh	62, 77.083, 339.162
Yxy	30.4025, 0.3698, 0.2173
Android (android.graphics.Color)	4294334152 (0xFFFF656C8)
YUV	146.8360, 26.2099, 86.9668
Hunter-Lab	55.1385, 70.9956, -23.5133

Details

The CIELCh color **62, 77.083, 339.162** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **87, 78.076, 146.818**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.933, 326.747**, and **42, 77.206, 339.094** is the 20% darker color. If you saturate the color by 10%, you get **59, 84.229, 340.344**, and if you desaturate by 10%, it is **66, 67.674, 338.130**.

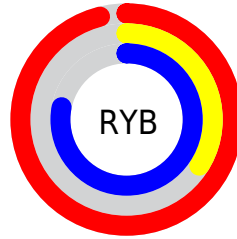
Distribution



Red (96%)

Green (34%)

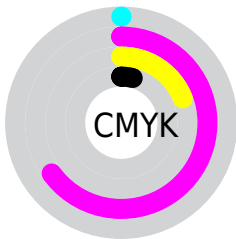
Blue (78%)



Red (96%)

Yellow (34%)

Blue (78%)

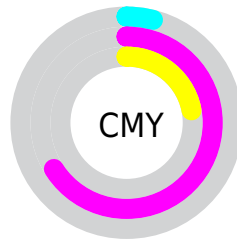


Cyan (0%)

Magenta (65%)

Yellow (19%)

Black (4%)



Cyan (4%)


Magenta (66%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 77.083, 339.162 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, 77.083, 339.162 by changing the saturation by 10% instead.

 62, 77.083,
339.162


 62, 77.083,
339.162


 100, 77.083,
339.162

 52, 77.083,
339.162


 82, 77.083,
339.162

 42, 77.083,
339.162

 92, 77.083,
339.162

 32, 77.083,
339.162

 22, 77.083,
339.162

 12, 77.083,
339.162

 2, 77.083, 339.162

 0, 77.083, 339.162

62, 77.083,
339.162

62, 77.083,
339.162

59, 84.229,
340.344

66, 67.674,
338.130

57, 88.646,
341.737

71, 56.631,
337.202

55, 90.211,
343.415

76, 44.549,
336.349

55, 90.245,
344.345

82, 31.920,
335.555

88, 19.110,
334.804

94, 6.365, 334.064

99, 4.252, 157.885

99, 3.128, 199.419

Harmonies

Complementary

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



62, 77.083, 339.162



87, 78.076, 146.818

Rectangle

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



62, 77.083, 339.162



62, 77.083, 29.162



62, 77.083, 159.162



62, 77.083, 209.162

Sweetspot

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



62, 77.080, 339.162



87, 26.213, 335.174



50, 92.011, 306.629



45, 17.899, 335.387



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, 77.080, 339.162



60, 88.287, 340.750



60, 65.093, 13.126



48, 7.162, 334.398



41, 73.451, 343.983



10, 33.510, 341.334

Inverse Universe

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



62, 77.080, 339.162



60, 88.287, 340.750



88, 49.796, 174.843



48, 7.162, 334.398



41, 73.451, 343.983



10, 33.510, 341.334

Previews

White Background



This preview shows how the CIELCh color 62, 77.083, 339.162 looks on a white background.

Color Contrast Check

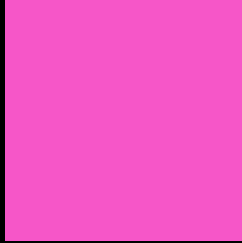
Large Text (above 18pt) WCAG AA × Fail

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, 77.083, 339.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

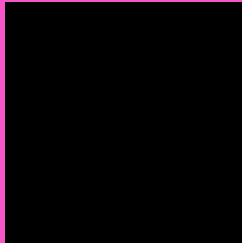
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 77.083, 339.162

Background



This preview shows how black text looks on a background with the CIELCh color 62, 77.083, 339.162.

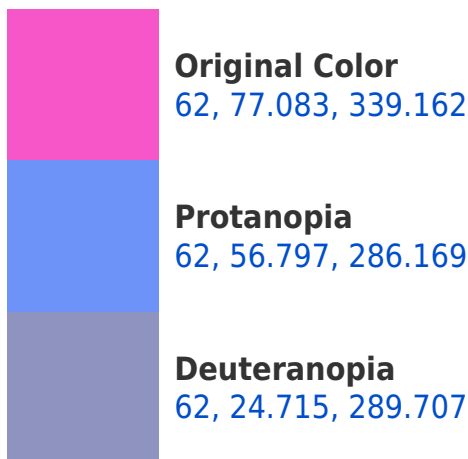


This preview shows how white text looks on a background with the CIELCh color 62, 77.083, 339.162.

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, 54.391, 22.272

Trichromacy



Original Color
62, 77.083, 339.162



Protanomaly
60, 60.745, 305.870



Deuteranomaly
60, 43.254, 320.278



Tritanomaly
62, 58.031, 2.480

Monochromacy



Original Color
62, 77.083, 339.162



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 31.621, 336.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 77.083, 339.162 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(246, 86, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 86, 200)  
}
```

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(246, 86, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 86, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 77.083, 339.162 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(246, 86, 200) }
```

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

```
.border{ border-color:rgb(246, 86, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 86, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 86, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 86, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 86,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 77.083, 339.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 86, 200) }
```

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

```
.background{ background-color: rgb(246, 86,  
200) }
```

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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