

Converting Colors

CIELCh(62, 79.551, 342.898)

Have a look what the booklet for
CIELCh(62, 79.551, 342.898)
contains.

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Color

CIELCh(62, 79.551, 342.898)

Conversions

Conversions Part 1

Format	Color
Hex	FE4EC1
RGB	254, 78, 193
RGB Percent	100%, 31%, 76%
CMY	0.0036, 0.6937, 0.2428
CMYK	0.00, 0.69, 0.24, 0.00
HSL	321°, 99%, 65%
HSV	321°, 69%, 100%
XYZ	53.2697, 30.4025, 53.5579
YIQ	143.7340, 67.9810, 73.0770

Conversions

Conversions Part 2

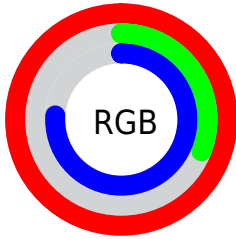
Format	Color
RYB	254, 78, 193
Decimal	16666305
CIELab	62.00, 76.03, -23.39
CIELCh	62, 79.551, 342.898
Yxy	30.4025, 0.3882, 0.2215
Android (android.graphics.Color)	4294856385 (0xFFFE4EC1)
YUV	143.7340, 24.2881, 96.7033
Hunter-Lab	55.1385, 75.9577, -18.9934

Details

The CIELCh color **62, 79.551, 342.898** 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, 80.426, 148.310**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 69.328, 328.128**, and **43, 75.805, 343.481** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.526, 344.490**, and if you desaturate by 10%, it is **66, 71.078, 341.569**.

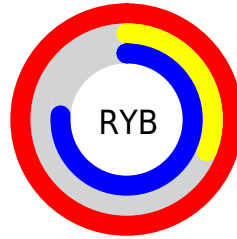
Distribution



Red (100%)

Green (31%)

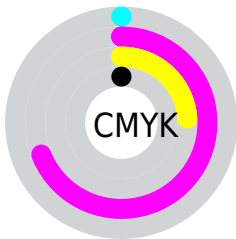
Blue (76%)



Red (100%)

Yellow (31%)

Blue (76%)

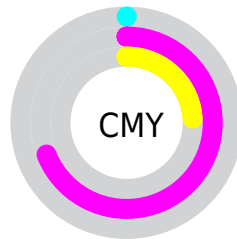


Cyan (0%)

Magenta (69%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 79.551, 342.898 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, 79.551, 342.898 by changing the saturation by 10% instead.

 62, 79.551,
342.898


 62, 79.551,
342.898


 100, 79.551,
342.898


 52, 79.551,
342.898


 82, 79.551,
342.898

 42, 79.551,
342.898

 92, 79.551,
342.898

 32, 79.551,
342.898

 22, 79.551,
342.898

 12, 79.551,
342.898

 2, 79.551, 342.898

 0, 79.551, 342.898

62, 79.551,
342.898

62, 79.551,
342.898

59, 85.526,
344.490

66, 71.078,
341.569

57, 88.655,
346.441

70, 60.715,
340.425

56, 89.184,
348.828

76, 49.095,
339.414

56, 89.186,
349.014

81, 36.766,
338.500

87, 24.147,
337.660

94, 11.530,
336.868

100, 0.341,
178.442

100, 0.317,

Harmonies

Complementary

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



62, 79.551, 342.898



89, 80.426, 148.310

Rectangle

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



62, 79.551, 342.898



62, 79.551, 32.898



62, 79.551, 162.898



62, 79.551, 212.898

Sweetspot

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



62, 79.547, 342.899



87, 26.424, 337.802



49, 100.228, 308.172



44, 17.902, 338.030



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, 79.547, 342.899



58, 87.278, 345.175



60, 71.533, 18.523



50, 7.100, 336.888



42, 72.267, 348.535



11, 34.081, 345.309

Inverse Universe

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



62, 79.547, 342.899



58, 87.278, 345.175



91, 50.840, 178.729



50, 7.100, 336.888



42, 72.267, 348.535



11, 34.081, 345.309

Previews

White Background



This preview shows how the CIELCh color 62, 79.551, 342.898 looks on a white background.

Color Contrast Check

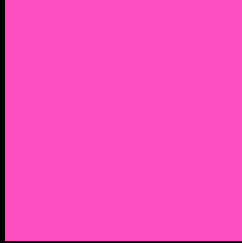
Large Text (above 18pt) WCAG AA × Fail

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, 79.551, 342.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

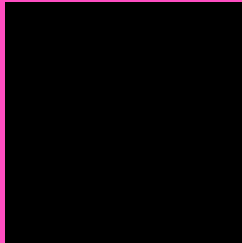
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 79.551, 342.898

Background



This preview shows how black text looks on a background with the CIELCh color 62, 79.551, 342.898.

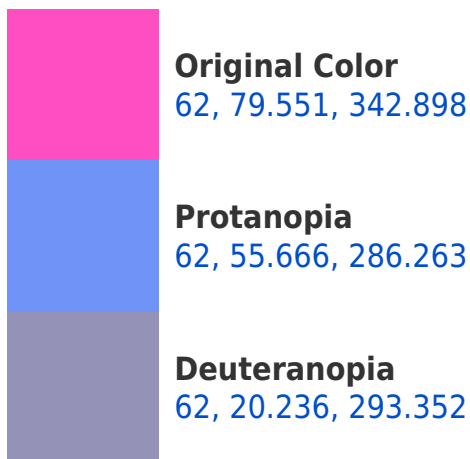


This preview shows how white text looks on a background with the CIELCh color 62, 79.551, 342.898.

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, 61.485, 24.406

Trichromacy



Original Color
62, 79.551, 342.898



Protanomaly
59, 60.648, 308.024



Deuteranomaly
60, 43.019, 326.296

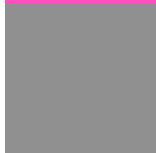


Tritanomaly
62, 63.798, 6.479

Monochromacy



Original Color
62, 79.551, 342.898



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 33.647, 338.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 79.551, 342.898 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, 78, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 78, 193)  
}
```

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, 78, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 78, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 79.551, 342.898 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, 78, 193) }
```

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

```
.border{ border-color:rgb(254, 78, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 78, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 78, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 78, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 78,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 79.551, 342.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 78, 193) }
```

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

```
.background{ background-color: rgb(254, 78,  
193) }
```

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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