

Converting Colors

CIELCh(62, 67.510, 340.942)

Have a look what the booklet for
CIELCh(62, 67.510, 340.942)
contains.

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Color

CIELCh(62, 67.510, 340.942)

Conversions

Conversions Part 1

Format	Color
Hex	ED61BE
RGB	237, 97, 190
RGB Percent	93%, 38%, 75%
CMY	0.0693, 0.6183, 0.2537
CMYK	0.00, 0.59, 0.20, 0.07
HSL	320°, 80%, 66%
HSV	320°, 59%, 93%
XYZ	48.6701, 30.4025, 52.1955
YIQ	149.4620, 53.5870, 58.6030

Conversions

Conversions Part 2

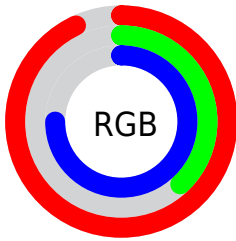
Format	Color
R _Y B	237, 97, 190
Decimal	15557054
CIE _{Lab}	62.00, 63.81, -22.04
CIE _{LCh}	62, 67.510, 340.942
Y _{xy}	30.4025, 0.3708, 0.2316
Android (android.graphics.Color)	4293747134 (0xFFED61BE)
YUV	149.4620, 19.9852, 76.7708
Hunter-Lab	55.1385, 61.0675, -17.5285

Details

The CIELCh color $62, 67.510, 340.942$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $85, 67.156, 149.607$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 59.065, 329.250$, and $42, 67.367, 341.182$ is the 20% darker color. If you saturate the color by 10%, you get $58, 75.666, 342.212$, and if you desaturate by 10%, it is $66, 57.579, 339.843$.

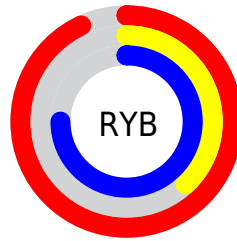
Distribution



Red (93%)

Green (38%)

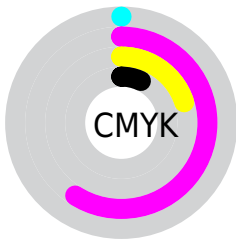
Blue (75%)



Red (93%)

Yellow (38%)

Blue (75%)

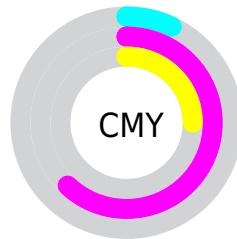


Cyan (0%)

Magenta (59%)

Yellow (20%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 67.510, 340.942 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, 67.510, 340.942 by changing the saturation by 10% instead.


 62, 67.510,
340.942


 62, 67.510,
340.942


 100, 67.510,
340.942


 52, 67.510,
340.942


 82, 67.510,
340.942

 42, 67.510,
340.942

 92, 67.510,
340.942

 32, 67.510,
340.942

 22, 67.510,
340.942

 12, 67.510,
340.942

 2, 67.510, 340.942

 0, 67.510, 340.942

62, 67.510,
340.942

62, 67.510,
340.942

58, 75.666,
342.212

66, 57.579,
339.843

55, 81.490,
343.721

71, 46.479,
338.864

54, 84.621,
345.558

77, 34.721,
337.975

53, 85.264,
347.798

82, 22.694,
337.153

52, 85.280,
348.036

88, 10.671,
336.376

94, 1.174, 156.046

99, 7.690, 162.968

99, 6.099, 194.737

Harmonies

Complementary

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



62, 67.510, 340.942



85, 67.156, 149.607

Rectangle

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



62, 67.510, 340.942



62, 67.510, 30.942



62, 67.510, 160.942



62, 67.510, 210.942

Sweetspot

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



62, 67.507, 340.943



89, 22.787, 337.080



53, 80.826, 307.363



45, 15.856, 337.313



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, 67.507, 340.943



62, 81.531, 342.533



60, 57.885, 15.125



47, 6.800, 336.414



40, 70.574, 347.604



9, 31.707, 344.089

Inverse Universe

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



62, 67.507, 340.943



62, 81.531, 342.533



86, 43.325, 180.044



47, 6.800, 336.414



40, 70.574, 347.604



9, 31.707, 344.089

Previews

White Background



This preview shows how the CIELCh color 62, 67.510, 340.942 looks on a white background.

Color Contrast Check

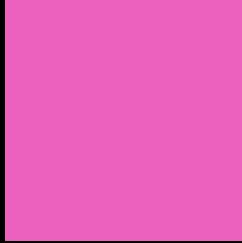
Large Text (above 18pt) WCAG AA × Fail

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, 67.510, 340.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

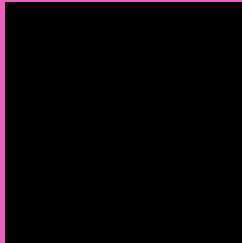
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 67.510, 340.942

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.510, 340.942.

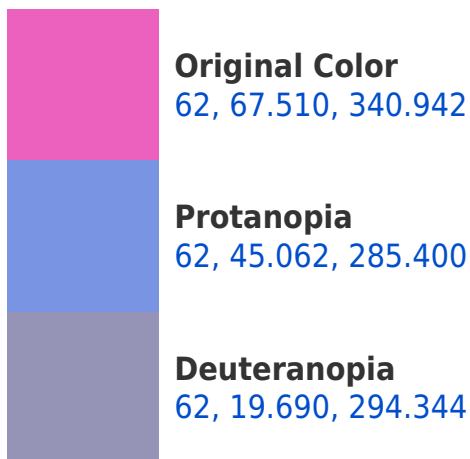


This preview shows how white text looks on a background with the CIELCh color 62, 67.510, 340.942.

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, 49.064, 20.371

Trichromacy



Original Color
62, 67.510, 340.942



Protanomaly
61, 48.733, 307.973



Deuteranomaly
61, 36.556, 323.999



Tritanomaly
62, 52.235, 2.649

Monochromacy



Original Color
62, 67.510, 340.942



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 27.095, 337.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.510, 340.942 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(237, 97, 190)` looks like.

```
.text, #text, p{  
    color:rgb(237, 97, 190)  
}
```

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(237, 97, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 97, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.510, 340.942 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(237, 97, 190) }
```

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

```
.border{ border-color:rgb(237, 97, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 97, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 97, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 97, 190);  
box-shadow:4px 4px 4px 4px rgb(237, 97,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.510, 340.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 97, 190) }
```

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

```
.background{ background-color: rgb(237, 97,  
190) }
```

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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