

Converting Colors

CIELCh(62, 73.612, 334.425)

Have a look what the booklet for
CIELCh(62, 73.612, 334.425)
contains.

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Color

CIELCh(62, 73.694, 334.602)

Conversions

Conversions Part 1

Format	Color
Hex	EB5FCF
RGB	235, 95, 207
RGB Percent	92%, 37%, 81%
CMY	0.0779, 0.6269, 0.1878
CMYK	0.00, 0.60, 0.12, 0.08
HSL	312°, 78%, 65%
HSV	312°, 60%, 92%
XYZ	49.6852, 30.4025, 62.3596
YIQ	149.6280, 47.4880, 64.5120

Conversions

Conversions Part 2

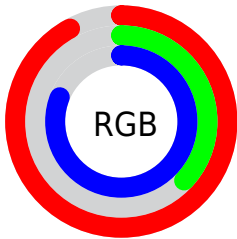
Format	Color
R _{YB}	235, 95, 207
Decimal	15425487
CIE _{Lab}	62.00, 66.57, -31.61
CIE _{LCh}	62, 73.694, 334.602
Y _{xy}	30.4025, 0.3488, 0.2134
Android (android.graphics.Color)	4293615567 (0xFFEB5FCF)
YUV	149.6280, 28.2844, 74.8712
Hunter-Lab	55.1385, 64.3536, -28.4579

Details

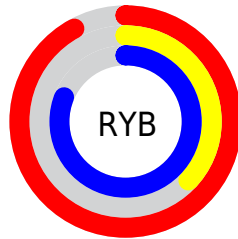
The CIELCh color **62, 73.694, 334.602** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **84, 74.612, 144.725**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.873, 326.613**, and **42, 73.505, 334.699** is the 20% darker color. If you saturate the color by 10%, you get **59, 82.349, 335.393**, and if you desaturate by 10%, it is **66, 63.115, 333.853**.

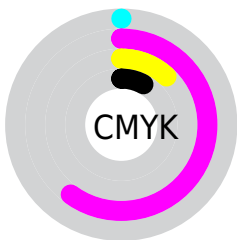
Distribution



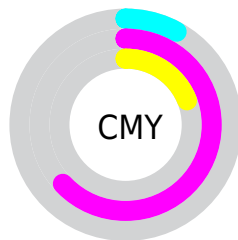
- Red (92%)
- Green (37%)
- Blue (81%)



- Red (92%)
- Yellow (37%)
- Blue (81%)



- Cyan (0%)
- Magenta (60%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (63%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.694, 334.602 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, 73.694, 334.602 by changing the saturation by 10% instead.


 62, 73.694,
334.602


 62, 73.694,
334.602


 100, 73.694,
334.602


 52, 73.694,
334.602


 82, 73.694,
334.602

 42, 73.694,
334.602

 92, 73.694,
334.602

 32, 73.694,
334.602

 22, 73.694,
334.602

 12, 73.694,
334.602

 2, 73.694, 334.602

 0, 73.694, 334.602

62, 73.694,
334.602

62, 73.694,
334.602

59, 82.349,
335.393

66, 63.115,
333.853

56, 88.542,
336.251

71, 51.219,
333.134

54, 91.946,
337.208

76, 38.538,
332.437

53, 92.835,
338.296

82, 25.492,
331.761

53, 92.855,
338.348

87, 12.385,
331.099

93, 0.581, 151.104

98, 10.389,
151.764

98, 8.730, 162.231

Harmonies

Complementary

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



62, 73.694, 334.602



84, 74.612, 144.725

Rectangle

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



62, 73.694, 334.602



62, 73.694, 24.602



62, 73.694, 154.602



62, 73.694, 204.602

Sweetspot

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



62, 73.691, 334.602



89, 25.067, 331.664



50, 81.120, 303.994



46, 17.433, 331.859



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, 73.691, 334.602



63, 88.934, 335.540



60, 57.913, 4.990



46, 7.361, 331.094



41, 76.536, 338.143



9, 33.502, 336.417

Inverse Universe

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



62, 73.691, 334.602



63, 88.934, 335.540



85, 48.595, 169.136



46, 7.361, 331.094



41, 76.536, 338.143



9, 33.502, 336.417

Previews

White Background



This preview shows how the CIELCh color 62, 73.694, 334.602 looks on a white background.

Color Contrast Check

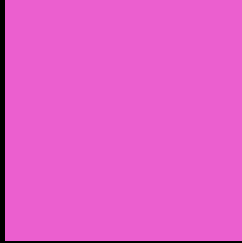
Large Text (above 18pt) WCAG AA × Fail

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, 73.694, 334.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

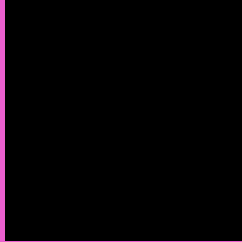
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 73.694, 334.602

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.694, 334.602.

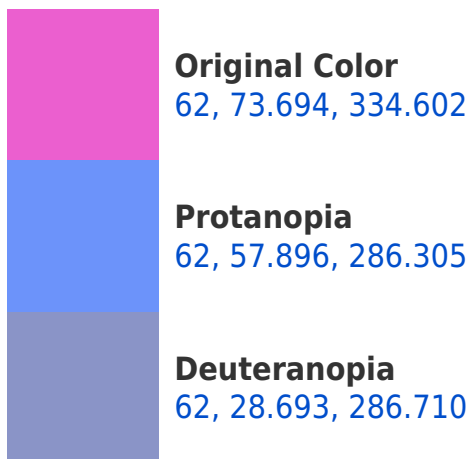


This preview shows how white text looks on a background with the CIELCh color 62, 73.694, 334.602.

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, 46.400, 19.025

Trichromacy



Original Color
62, 73.694, 334.602



Protanomaly
60, 60.340, 303.546



Deuteranomaly
61, 43.804, 314.176



Tritanomaly
62, 52.195, 357.201

Monochromacy



Original Color
62, 73.694, 334.602



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 29.813, 332.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.694, 334.602 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(235, 95, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 95, 207)  
}
```

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(235, 95, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 95, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.694, 334.602 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(235, 95, 207) }
```

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

```
.border{ border-color:rgb(235, 95, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 95, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 95, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 95, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 95,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.694, 334.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 95, 207) }
```

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

```
.background{ background-color: rgb(235, 95,  
207) }
```

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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