

Converting Colors

CIELCh(62, 93.610, 333.882)

Have a look what the booklet for
CIELCh(62, 93.610, 333.882)
contains.

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Color

CIELCh(62, 93.657, 333.726)

Conversions

Conversions Part 1

Format	Color
Hex	FE42E1
RGB	254, 66, 225
RGB Percent	100%, 26%, 88%
CMY	0.0039, 0.7411, 0.1177
CMYK	0.00, 0.74, 0.11, 0.00
HSL	309°, 99%, 63%
HSV	309°, 74%, 100%
XYZ	56.4104, 30.4025, 74.1266
YIQ	140.3380, 61.0090, 89.3050

Conversions

Conversions Part 2

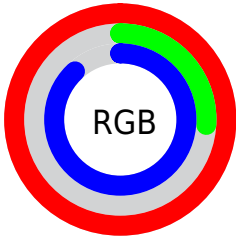
Format	Color
R_{YB}	254, 66, 225
Decimal	16663265
CIE _{Lab}	62.00, 83.98, -41.46
CIE _{LCh}	62, 93.657, 333.726
Yxy	30.4025, 0.3505, 0.1889
Android (android.graphics.Color)	4294853345 (0xFFFE42E1)
YUV	140.3380, 41.7384, 99.6816
Hunter-Lab	55.1385, 86.1252, -41.1108

Details

The CIELCh color **62, 93.657, 333.726** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 97.590, 141.154**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 75.772, 327.001**, and **45, 84.991, 333.913** is the 20% darker color. If you saturate the color by 10%, you get **60, 99.103, 334.427**, and if you desaturate by 10%, it is **65, 85.339, 333.055**.

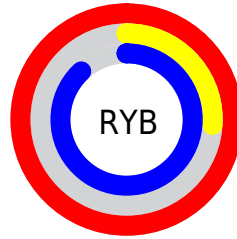
Distribution



Red (100%)

Green (26%)

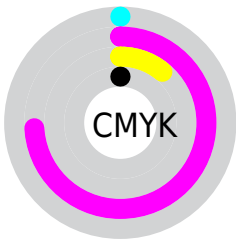
Blue (88%)



Red (100%)

Yellow (26%)

Blue (88%)

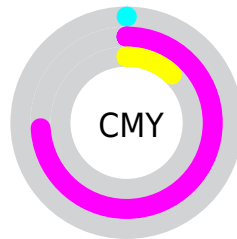


Cyan (0%)

Magenta (74%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 93.657, 333.726 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, 93.657, 333.726 by changing the saturation by 10% instead.


 62, 93.657,
333.726


 62, 93.657,
333.726


 100, 93.657,
333.726


 52, 93.657,
333.726


 82, 93.657,
333.726

 42, 93.657,
333.726

 92, 93.657,
333.726

 32, 93.657,
333.726

 22, 93.657,
333.726

 12, 93.657,
333.726

 2, 93.657, 333.726

 0, 93.657, 333.726

62, 93.657,
333.726

62, 93.657,
333.726

60, 99.103,
334.427

65, 85.339,
333.055

58, 101.547,
335.183

69, 74.645,
332.397

58, 101.900,
335.667

74, 62.204,
331.745

79, 48.634,
331.095

85, 34.453,
330.452

91, 20.054,
329.817

97, 5.708, 329.161

100, 0.348,
201.290

Harmonies

Complementary

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



62, 93.657, 333.726



88, 97.590, 141.154

Rectangle

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



62, 93.657, 333.726



62, 93.657, 23.726



62, 93.657, 153.726



62, 93.657, 203.726

Sweetspot

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



62, 93.654, 333.726



86, 31.663, 330.324



43, 108.201, 304.936



44, 21.276, 330.498



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, 93.654, 333.726



59, 100.993, 334.796



59, 73.981, 5.546



50, 8.142, 329.531



44, 82.488, 335.520



12, 38.496, 334.509

Inverse Universe

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



62, 93.654, 333.726



59, 100.993, 334.796



90, 63.593, 163.140



50, 8.142, 329.531



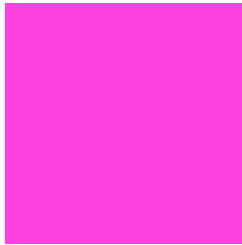
44, 82.488, 335.520



12, 38.496, 334.509

Previews

White Background



This preview shows how the CIELCh color 62, 93.657, 333.726 looks on a white background.

Color Contrast Check

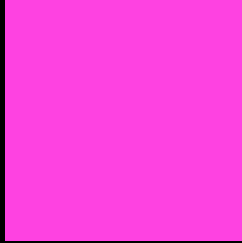
Large Text (above 18pt) WCAG AA × Fail

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, 93.657, 333.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

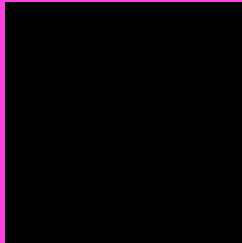
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 93.657, 333.726

Background



This preview shows how black text looks on a background with the CIELCh color 62, 93.657, 333.726.

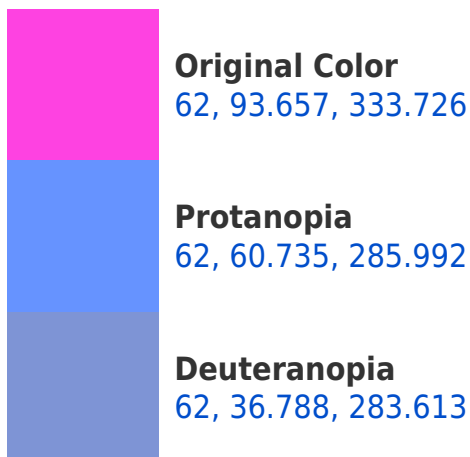


This preview shows how white text looks on a background with the CIELCh color 62, 93.657, 333.726.

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



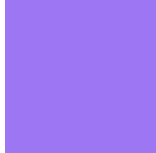


Tritanopia
62, 58.306, 23.206

Trichromacy



Original Color
62, 93.657, 333.726



Protanomaly
59, 71.927, 306.065



Deuteranomaly
59, 58.493, 313.124



Tritanomaly
61, 64.714, 358.625

Monochromacy



Original Color
62, 93.657, 333.726



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 40.900, 331.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 93.657, 333.726 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, 66, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 66, 225)  
}
```

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, 66, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 66, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 93.657, 333.726 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, 66, 225) }
```

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

```
.border{ border-color:rgb(254, 66, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 66, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 66, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 66, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 66,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 93.657, 333.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 66, 225) }
```

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

```
.background{ background-color: rgb(254, 66,  
225) }
```

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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