

Converting Colors

CIELCh(62, 92.999, 333.801)

Have a look what the booklet for
CIELCh(62, 92.999, 333.801)
contains.

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Color

CIELCh(62, 92.914, 333.762)

Conversions

Conversions Part 1

Format	Color
Hex	FD43E0
RGB	253, 67, 224
RGB Percent	99%, 26%, 88%
CMY	0.0066, 0.7357, 0.1204
CMYK	0.00, 0.73, 0.11, 0.01
HSL	309°, 98%, 63%
HSV	309°, 73%, 99%
XYZ	56.1529, 30.4025, 73.6457
YIQ	140.5120, 60.4590, 88.2590

Conversions

Conversions Part 2

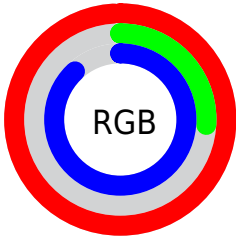
Format	Color
R _Y B	253, 67, 224
Decimal	16597984
CIE Lab	62.00, 83.34, -41.08
CIE LCh	62, 92.914, 333.762
Yxy	30.4025, 0.3505, 0.1898
Android (android.graphics.Color)	4294788064 (0xFFFD43E0)
YUV	140.5120, 41.1596, 98.6520
Hunter-Lab	55.1385, 85.2915, -40.5938

Details

The CIELCh color **62, 92.914, 333.762** 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, 96.679, 141.300**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 75.226, 326.984**, and **44, 84.623, 333.945** is the 20% darker color. If you saturate the color by 10%, you get **60, 98.526, 334.468**, and if you desaturate by 10%, it is **65, 84.460, 333.087**.

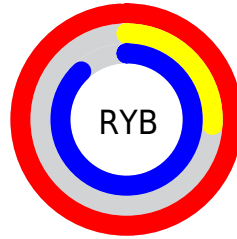
Distribution



Red (99%)

Green (26%)

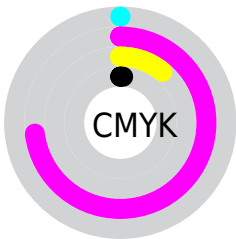
Blue (88%)



Red (99%)

Yellow (26%)

Blue (88%)

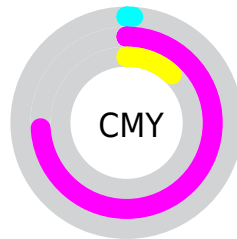


Cyan (0%)

Magenta (73%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (74%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 92.914, 333.762 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, 92.914, 333.762 by changing the saturation by 10% instead.


 62, 92.914,
333.762


 62, 92.914,
333.762


 100, 92.914,
333.762


 52, 92.914,
333.762


 82, 92.914,
333.762

 42, 92.914,
333.762

 92, 92.914,
333.762

 32, 92.914,
333.762

 22, 92.914,
333.762

 12, 92.914,
333.762

 2, 92.914, 333.762

 0, 92.914, 333.762

62, 92.914,
333.762

62, 92.914,
333.762

60, 98.526,
334.468

65, 84.460,
333.087

58, 101.136,
335.229

69, 73.675,
332.426

58, 101.553,
335.770

74, 61.187,
331.770

79, 47.610,
331.119

85, 33.453,
330.475

91, 19.099,
329.839

97, 4.813, 329.173

100, 0.581,
200.509

Harmonies

Complementary

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



62, 92.914, 333.762



88, 96.679, 141.300

Rectangle

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



62, 92.914, 333.762



62, 92.914, 23.762



62, 92.914, 153.762



62, 92.914, 203.762

Sweetspot

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



62, 92.911, 333.762



86, 31.623, 330.386



44, 107.103, 304.853



44, 21.249, 330.560



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, 92.911, 333.762



59, 100.602, 334.812



59, 73.397, 5.329



50, 8.131, 329.591



44, 82.372, 335.621



12, 38.448, 334.595

Inverse Universe

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



62, 92.911, 333.762



59, 100.602, 334.812



90, 63.099, 163.257



50, 8.131, 329.591



44, 82.372, 335.621



12, 38.448, 334.595

Previews

White Background



This preview shows how the CIELCh color 62, 92.914, 333.762 looks on a white background.

Color Contrast Check

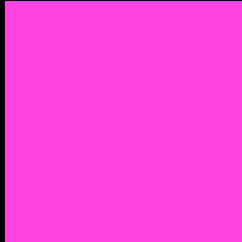
Large Text (above 18pt) WCAG AA × Fail

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, 92.914, 333.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

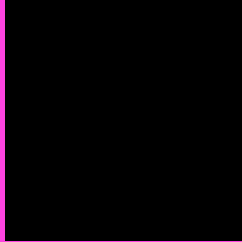
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 92.914, 333.762

Background



This preview shows how black text looks on a background with the CIELCh color 62, 92.914, 333.762.

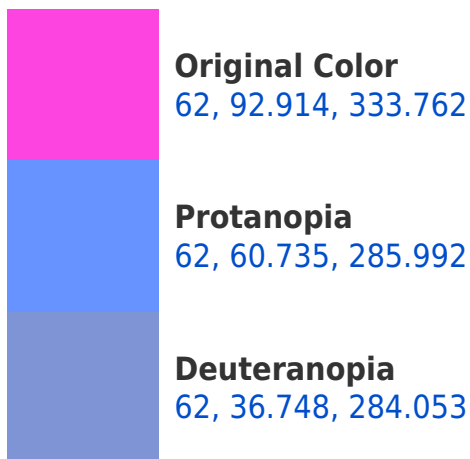


This preview shows how white text looks on a background with the CIELCh color 62, 92.914, 333.762.

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, 57.903, 23.129

Trichromacy



Original Color
62, 92.914, 333.762



Protanomaly
59, 71.927, 306.065



Deuteranomaly
59, 57.865, 312.959



Tritanomaly
61, 64.426, 358.396

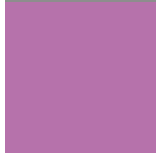
Monochromacy



Original Color
62, 92.914, 333.762



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 40.458, 331.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 92.914, 333.762 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(253, 67, 224)` looks like.

```
.text, #text, p{  
    color:rgb(253, 67, 224)  
}
```

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(253, 67, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 67, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 92.914, 333.762 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(253, 67, 224) }
```

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

```
.border{ border-color:rgb(253, 67, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 67, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 67, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 67, 224);  
box-shadow:4px 4px 4px 4px rgb(253, 67,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 92.914, 333.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 67, 224) }
```

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

```
.background{ background-color: rgb(253, 67,  
224) }
```

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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