

Converting Colors

CIELCh(62, 102.840, 329.830)

Have a look what the booklet for
CIELCh(62, 102.840, 329.830)
contains.

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Color

CIELCh(62, 102.702, 329.951)

Conversions

Conversions Part 1

Format	Color
Hex	FE39F3
RGB	254, 57, 243
RGB Percent	100%, 22%, 95%
CMY	0.0046, 0.7773, 0.0477
CMYK	0.00, 0.78, 0.04, 0.00
HSL	303°, 99%, 61%
HSV	303°, 78%, 100%
XYZ	58.4142, 30.4025, 87.4535
YIQ	137.1070, 57.7060, 99.6100

Conversions

Conversions Part 2

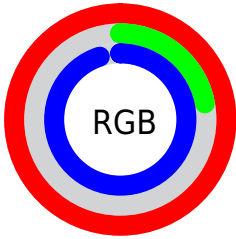
Format	Color
R_{YB}	254, 57, 243
Decimal	16660979
CIE _{Lab}	62.00, 88.90, -51.43
CIE _{LCh}	62, 102.702, 329.951
Yxy	30.4025, 0.3314, 0.1725
Android (android.graphics.Color)	4294851059 (0xFFFE39F3)
YUV	137.1070, 52.2052, 102.5152
Hunter-Lab	55.1385, 92.6121, -55.4411

Details

The CIELCh color **62, 102.702, 329.951** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 106.596, 138.301**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.466, 327.088**, and **45, 91.084, 329.732** is the 20% darker color. If you saturate the color by 10%, you get **60, 107.716, 330.281**, and if you desaturate by 10%, it is **65, 94.706, 329.565**.

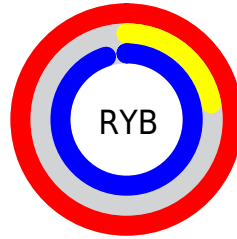
Distribution



Red (100%)

Green (22%)

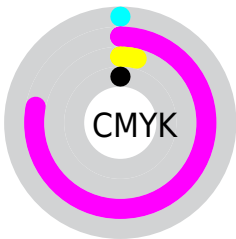
Blue (95%)



Red (100%)

Yellow (22%)

Blue (95%)

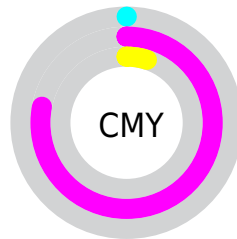


Cyan (0%)

Magenta (78%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 102.702, 329.951 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, 102.702, 329.951 by changing the saturation by 10% instead.


 62, 102.702,
329.951


 62, 102.702,
329.951


 100, 102.702,
329.951


 52, 102.702,
329.951


 82, 102.702,
329.951


 42, 102.702,
329.951

 92, 102.702,
329.951

 32, 102.702,
329.951

 22, 102.702,
329.951

 12, 102.702,
329.951

 2, 102.702,
329.951

 0, 102.702,

329.951

■ 62, 102.702,
329.951

■ 62, 102.702,
329.951

■ 60, 107.716,
330.281

■ 65, 94.706,
329.565

■ 59, 109.856,
330.567

■ 68, 84.083,
329.123

■ 59, 110.141,
330.632

■ 73, 71.408,
328.630

■ 78, 57.312,
328.097

■ 83, 42.369,
327.538

■ 89, 27.036,
326.964

95, 11.647,
326.377

100, 0.584,
154.394

100, 0.407,
201.008

Harmonies

Complementary

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



62, 102.702, 329.951



88, 106.596, 138.301

Rectangle

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



62, 102.702, 329.951



62, 102.702, 19.951



62, 102.702, 149.951



62, 102.702, 199.951

Sweetspot

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



62, 102.699, 329.951



86, 35.425, 327.274



40, 113.991, 304.105



44, 24.508, 327.481



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, 102.699, 329.951



60, 109.570, 330.440



58, 77.419, 358.705



50, 8.719, 326.489



45, 89.089, 330.589



12, 41.202, 330.290

Inverse Universe

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



62, 102.699, 329.951



60, 109.570, 330.440



89, 72.738, 156.260



50, 8.719, 326.489



45, 89.089, 330.589



12, 41.202, 330.290

Previews

White Background



This preview shows how the CIELCh color 62, 102.702, 329.951 looks on a white background.

Color Contrast Check

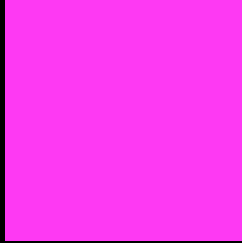
Large Text (above 18pt) WCAG AA × Fail

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, 102.702, 329.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

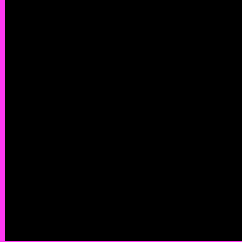
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 102.702, 329.951

Background



This preview shows how black text looks on a background with the CIELCh color 62, 102.702, 329.951.



This preview shows how white text looks on a background with the CIELCh color 62, 102.702, 329.951.

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



Original Color

62, 102.702, 329.951

Protanopia

62, 60.764, 285.807

Deuteranopia

62, 46.061, 281.547



Tritanopia
62, 56.487, 22.295

Trichromacy



Original Color
62, 102.702, 329.951



Protanomaly
58, 78.023, 306.463



Deuteranomaly
58, 69.159, 308.411



Tritanomaly
61, 66.550, 353.974

Monochromacy



Original Color
62, 102.702, 329.951



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 45.407, 328.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 102.702, 329.951 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, 57, 243)` looks like.

```
.text, #text, p{  
    color:rgb(254, 57, 243)  
}
```

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, 57, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 57, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 102.702, 329.951 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, 57, 243) }
```

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

```
.border{ border-color:rgb(254, 57, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 57, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 57, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 57, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 57,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 102.702, 329.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 57, 243) }
```

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

```
.background{ background-color: rgb(254, 57,  
243) }
```

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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