

Converting Colors

CIELCh(62, 100.196, 327.843)

Have a look what the booklet for
CIELCh(62, 100.196, 327.843)
contains.

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Color

CIELCh(62, 100.153, 327.853)

Conversions

Conversions Part 1

Format	Color
Hex	F644F6
RGB	246, 68, 246
RGB Percent	96%, 27%, 96%
CMY	0.0351, 0.7330, 0.0351
CMYK	0.00, 0.72, 0.00, 0.04
HSL	300°, 91%, 62%
HSV	300°, 72%, 96%
XYZ	56.7401, 30.4025, 90.1100
YIQ	141.5140, 48.9500, 93.0940

Conversions

Conversions Part 2

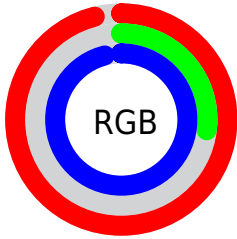
Format	Color
R _Y B	246, 68, 246
Decimal	16139510
CIE _{Lab}	62.00, 84.80, -53.29
CIE _{LCh}	62, 100.153, 327.853
Y _{xy}	30.4025, 0.3201, 0.1715
Android (android.graphics.Color)	4294329590 (0xFFFF644F6)
Y _{UV}	141.5140, 51.5116, 91.6342
Hunter-Lab	55.1385, 87.1925, -58.2976

Details

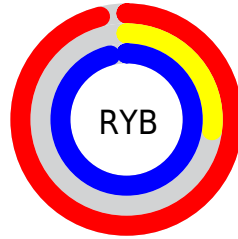
The CIELCh color **62, 100.153, 327.853** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **86, 102.190, 137.787**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 75.226, 326.984**, and **44, 92.352, 327.396** is the 20% darker color. If you saturate the color by 10%, you get **60, 107.047, 328.067**, and if you desaturate by 10%, it is **65, 90.490, 327.547**.

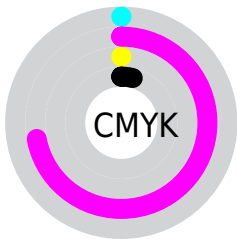
Distribution



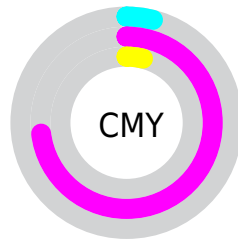
- Red (96%)
- Green (27%)
- Blue (96%)



- Red (96%)
- Yellow (27%)
- Blue (96%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (73%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 100.153, 327.853 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, 100.153, 327.853 by changing the saturation by 10% instead.


 62, 100.153,
327.853


 62, 100.153,
327.853


 100, 100.153,
327.853


 52, 100.153,
327.853


 82, 100.153,
327.853


 42, 100.153,
327.853

 92, 100.153,
327.853

 32, 100.153,
327.853

 22, 100.153,
327.853

 12, 100.153,
327.853

 2, 100.153,
327.853

 0, 100.153,

327.853

■ 62, 100.153,
327.853

■ 62, 100.153,
327.853

■ 60, 107.047,
328.067

■ 65, 90.490,
327.547

■ 59, 111.030,
328.189

■ 69, 78.526,
327.159

■ 58, 112.482,
328.234

■ 73, 64.857,
326.705

■ 78, 50.079,
326.201

■ 84, 34.701,
325.664

■ 89, 19.115,
325.108

 95, 3.600, 324.488

 99, 5.546, 144.301

 99, 5.546, 144.302

Harmonies

Complementary

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



62, 100.153, 327.853



86, 102.190, 137.787

Rectangle

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



62, 100.153, 327.853



62, 100.153, 17.853



62, 100.153, 147.853



62, 100.153, 197.853

Sweetspot

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



62, 100.150, 327.853



87, 35.186, 325.648



41, 104.162, 302.475



44, 23.638, 325.797



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, 100.150, 327.853



61, 112.324, 328.137



58, 73.716, 353.409



48, 8.758, 324.945



44, 91.226, 328.234



11, 40.560, 328.233

Inverse Universe

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



62, 100.150, 327.853



61, 112.324, 328.137



87, 70.778, 154.639



48, 8.758, 324.945



44, 91.226, 328.234



11, 40.560, 328.233

Previews

White Background



This preview shows how the CIELCh color 62, 100.153, 327.853 looks on a white background.

Color Contrast Check

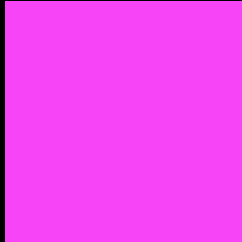
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 100.153, 327.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

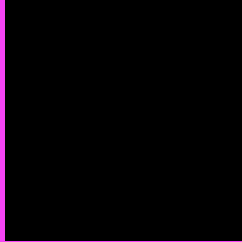
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 100.153, 327.853

Background



This preview shows how black text looks on a background with the CIELCh color 62, 100.153, 327.853.



This preview shows how white text looks on a background with the CIELCh color 62, 100.153, 327.853.

327.853.

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, 100.153, 327.853

Protanopia

62, 60.764, 285.807

Deuteranopia

62, 47.818, 280.875



Tritanopia
62, 50.413, 20.748

Trichromacy



Original Color
62, 100.153, 327.853



Protanomaly
59, 76.100, 305.072



Deuteranomaly
59, 67.528, 305.989



Tritanomaly
61, 61.894, 350.892

Monochromacy



Original Color
62, 100.153, 327.853



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 43.279, 326.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 100.153, 327.853 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(246, 68, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 68, 246)  
}
```

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(246, 68, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 68, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 100.153, 327.853 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(246, 68, 246) }
```

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

```
.border{ border-color:rgb(246, 68, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 68, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 68, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 68, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 68,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 100.153, 327.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 68, 246) }
```

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

```
.background{ background-color: rgb(246, 68,  
246) }
```

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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