

Converting Colors

CIELCh(62, 107.653, 328.933)

Have a look what the booklet for
CIELCh(62, 107.653, 328.933)
contains.

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Color

CIELCh(62, 107.570, 328.900)

Conversions

Conversions Part 1

Format	Color
Hex	FF31FA
RGB	255, 49, 250
RGB Percent	100%, 19%, 98%
CMY	0.0000, 0.8097, 0.0184
CMYK	0.00, 0.81, 0.02, 0.00
HSL	301°, 100%, 60%
HSV	301°, 81%, 100%
XYZ	59.7475, 30.4025, 93.4217
YIQ	133.5080, 58.2550, 106.1830

Conversions

Conversions Part 2

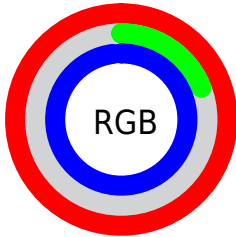
Format	Color
R _Y B	255, 49, 250
Decimal	16724474
CIE Lab	62.00, 92.11, -55.56
CIE LCh	62, 107.570, 328.900
Yxy	30.4025, 0.3255, 0.1656
Android (android.graphics.Color)	4294914554 (0xFFFF31FA)
YUV	133.5080, 57.4306, 106.5485
Hunter-Lab	55.1385, 96.9284, -61.8587

Details

The CIELCh color **62, 107.570, 328.900** 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, 111.266, 137.320**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.096, 327.172**, and **46, 93.699, 328.439** is the 20% darker color. If you saturate the color by 10%, you get **61, 111.837, 329.044**, and if you desaturate by 10%, it is **64, 100.272, 328.562**.

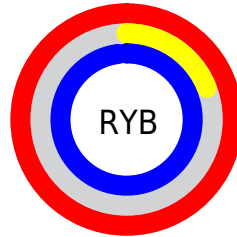
Distribution



Red (100%)

Green (19%)

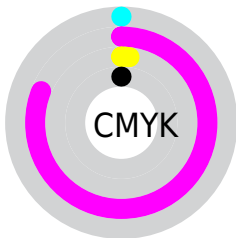
Blue (98%)



Red (100%)

Yellow (19%)

Blue (98%)

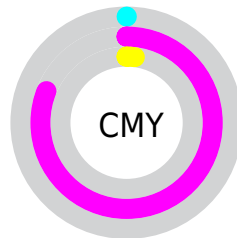


Cyan (0%)

Magenta (81%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 107.570, 328.900 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, 107.570, 328.900 by changing the saturation by 10% instead.


 62, 107.570,
328.900


 62, 107.570,
328.900


 100, 107.570,
328.900


 52, 107.570,
328.900


 82, 107.570,
328.900


 42, 107.570,
328.900

 92, 107.570,
328.900

 32, 107.570,
328.900

 22, 107.570,
328.900

 12, 107.570,
328.900

 2, 107.570,
328.900

 0, 107.570,

328.900

■ 62, 107.570,
328.900

■ 62, 107.570,
328.900

■ 61, 111.837,
329.044

■ 64, 100.272,
328.562

■ 60, 113.493,
329.172

■ 67, 90.183,
328.203

■ 72, 77.804,
327.775

■ 76, 63.764,
327.290

■ 82, 48.669,
326.764

■ 87, 33.027,
326.212

93, 17.220,
325.644

99, 1.518, 324.897

100, 0.012,
296.813

Harmonies

Complementary

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



62, 107.570, 328.900



88, 111.266, 137.320

Rectangle

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



62, 107.570, 328.900



62, 107.570, 18.900



62, 107.570, 148.900



62, 107.570, 198.900

Sweetspot

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



62, 107.562, 328.842



85, 37.801, 326.382



38, 119.026, 304.351



43, 25.950, 326.579



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, 107.562, 328.842



60, 113.053, 329.132



58, 80.075, 357.116



50, 8.919, 325.560



45, 91.441, 329.156



12, 42.157, 329.042

Inverse Universe

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



62, 107.562, 328.842



60, 113.053, 329.132



89, 77.691, 153.763



50, 8.919, 325.560



45, 91.441, 329.156



12, 42.157, 329.042

Previews

White Background



This preview shows how the CIE LCh color 62, 107.570, 328.900 looks on a white background.

Color Contrast Check

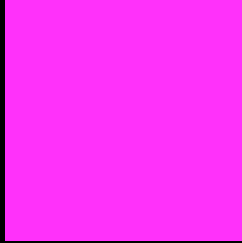
Large Text (above 18pt) WCAG AA × Fail

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, 107.570, 328.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

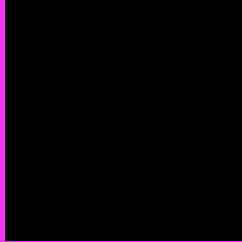
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 107.570, 328.900

Background



This preview shows how black text looks on a background with the CIELCh color 62, 107.570, 328.900.



This preview shows how white text looks on a background with the CIELCh color 62, 107.570, 328.900.

328.900.

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, 107.335, 328.894

Protanopia

62, 60.764, 285.807

Deuteranopia

62, 49.044, 280.377



Tritanopia
62, 56.621, 22.837

Trichromacy



Original Color
62, 107.335, 328.894



Protanomaly
58, 80.859, 306.881



Deuteranomaly
57, 73.425, 307.397



Tritanomaly
60, 68.135, 352.675

Monochromacy



Original Color
62, 107.335, 328.894



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 49.295, 327.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 107.570, 328.900 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(255, 49, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 250)  
}
```

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(255, 49, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 107.570, 328.900 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(255, 49, 250) }
```

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

```
.border{ border-color:rgb(255, 49, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 49, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 107.570, 328.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 250) }
```

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

```
.background{ background-color: rgb(255, 49,  
250) }
```

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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