

Converting Colors

CIELCh(62, 104.968, 329.817)

Have a look what the booklet for
CIELCh(62, 104.968, 329.817)
contains.

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Color

CIELCh(62, 104.783, 329.776)

Conversions

Conversions Part 1

Format	Color
Hex	FF34F5
RGB	255, 52, 245
RGB Percent	100%, 20%, 96%
CMY	0.0000, 0.7946, 0.0383
CMYK	0.00, 0.79, 0.04, 0.00
HSL	303°, 100%, 60%
HSV	303°, 79%, 100%
XYZ	59.0931, 30.4025, 89.3278
YIQ	134.6990, 59.0350, 103.0590

Conversions

Conversions Part 2

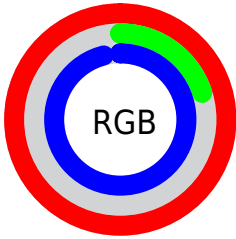
Format	Color
R _Y B	255, 52, 245
Decimal	16725237
CIE Lab	62.00, 90.54, -52.75
CIE LCh	62, 104.783, 329.776
Yxy	30.4025, 0.3305, 0.1700
Android (android.graphics.Color)	4294915317 (0xFFFF34F5)
YUV	134.6990, 54.3784, 105.5040
Hunter-Lab	55.1385, 94.8100, -57.4566

Details

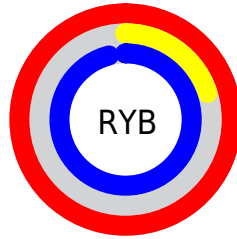
The CIELCh color **62, 104.783, 329.776** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 108.885, 137.937**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.052, 327.139**, and **46, 91.820, 329.504** is the 20% darker color. If you saturate the color by 10%, you get **60, 109.306, 330.027**, and if you desaturate by 10%, it is **64, 97.230, 329.376**.

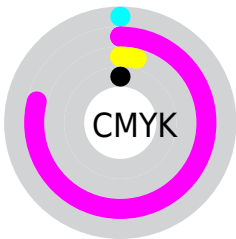
Distribution



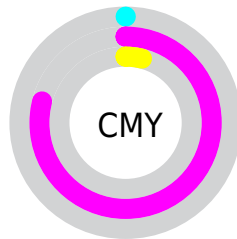
- Red (100%)
- Green (20%)
- Blue (96%)



- Red (100%)
- Yellow (20%)
- Blue (96%)



- Cyan (0%)
- Magenta (79%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (79%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 104.783, 329.776 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, 104.783, 329.776 by changing the saturation by 10% instead.


 62, 104.783,
329.776


 62, 104.783,
329.776


 100, 104.783,
329.776


 52, 104.783,
329.776


 82, 104.783,
329.776


 42, 104.783,
329.776

 92, 104.783,
329.776

 32, 104.783,
329.776

 22, 104.783,
329.776

 12, 104.783,
329.776

 2, 104.783,
329.776

 0, 104.783,

329.776

■ 62, 104.783,
329.776

■ 62, 104.783,
329.776

■ 60, 109.306,
330.027

■ 64, 97.230,
329.376

■ 60, 111.131,
330.275

■ 68, 86.957,
328.959

■ 60, 111.199,
330.288

■ 72, 74.502,
328.485

■ 77, 60.501,
327.967

■ 82, 45.546,
327.418

■ 88, 30.121,
326.850

94, 14.585,
326.270

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, 104.783, 329.776



88, 108.885, 137.937

Rectangle

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



62, 104.783, 329.776



62, 104.783, 19.776



62, 104.783, 149.776



62, 104.783, 199.776

Sweetspot

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



62, 104.773, 329.732



85, 37.155, 327.110



39, 116.977, 304.245



43, 25.508, 327.311



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, 104.773, 329.732



60, 110.558, 330.168



58, 78.992, 357.966



50, 8.765, 326.272



45, 89.624, 330.251



12, 41.420, 329.997

Inverse Universe

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



62, 104.773, 329.732



60, 110.558, 330.168



89, 75.438, 154.965



50, 8.765, 326.272



45, 89.624, 330.251



12, 41.420, 329.997

Previews

White Background



This preview shows how the CIELCh color 62, 104.783, 329.776 looks on a white background.

Color Contrast Check

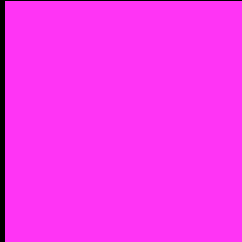
Large Text (above 18pt) WCAG AA × Fail

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, 104.783, 329.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

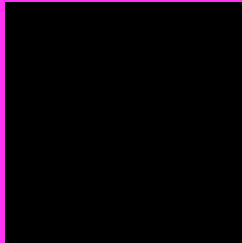
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 104.783, 329.776

Background



This preview shows how black text looks on a background with the CIELCh color 62, 104.783, 329.776.



This preview shows how white text looks on a background with the CIELCh color 62, 104.783, 329.776.

329.776.

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, 104.783, 329.776

Protanopia

62, 60.764, 285.807

Deuteranopia

62, 47.207, 281.491



Tritanopia
62, 57.360, 22.518

Trichromacy



Original Color
62, 104.783, 329.776



Protanomaly
58, 78.625, 306.637



Deuteranomaly
58, 70.789, 308.190



Tritanomaly
61, 67.631, 353.925

Monochromacy



Original Color
62, 104.783, 329.776



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 47.299, 328.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 104.783, 329.776 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, 52, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 245)  
}
```

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, 52, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 104.783, 329.776 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, 52, 245) }
```

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

```
.border{ border-color:rgb(255, 52, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 52, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 104.783, 329.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 245) }
```

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

```
.background{ background-color: rgb(255, 52,  
245) }
```

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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