

Converting Colors

CIELCh(62, 108.026, 328.910)

Have a look what the booklet for
CIELCh(62, 108.026, 328.910)
contains.

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Color

CIELCh(62, 108.166, 328.732)

Conversions

Conversions Part 1

Format	Color
Hex	FF30FB
RGB	255, 48, 251
RGB Percent	100%, 19%, 98%
CMY	0.0000, 0.8133, 0.0143
CMYK	0.00, 0.81, 0.01, 0.00
HSL	301°, 100%, 59%
HSV	301°, 81%, 100%
XYZ	59.8925, 30.4025, 94.2785
YIQ	133.0350, 58.2090, 107.0170

Conversions

Conversions Part 2

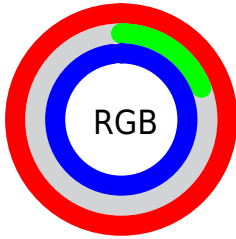
Format	Color
R _Y B	255, 48, 251
Decimal	16724219
CIE Lab	62.00, 92.45, -56.14
CIE LCh	62, 108.166, 328.732
Yxy	30.4025, 0.3245, 0.1647
Android (android.graphics.Color)	4294914299 (0xFFFF30FB)
YUV	133.0350, 58.1567, 106.9633
Hunter-Lab	55.1385, 97.3977, -62.7800

Details

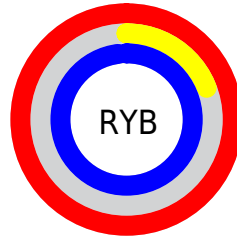
The CIELCh color **62, 108.166, 328.732** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 111.756, 137.201**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.096, 327.172**, and **46, 94.079, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **61, 112.367, 328.849**, and if you desaturate by 10%, it is **64, 100.936, 328.402**.

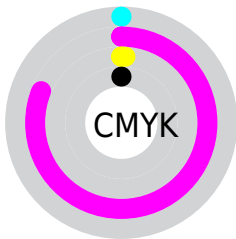
Distribution



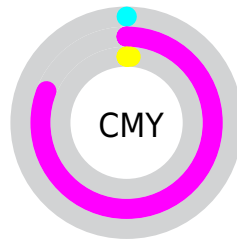
- Red (100%)
- Green (19%)
- Blue (98%)



- Red (100%)
- Yellow (19%)
- Blue (98%)



- Cyan (0%)
- Magenta (81%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (81%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 108.166, 328.732 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, 108.166, 328.732 by changing the saturation by 10% instead.


 62, 108.166,
328.732


 62, 108.166,
328.732


 100, 108.166,
328.732


 52, 108.166,
328.732


 82, 108.166,
328.732


 42, 108.166,
328.732

 92, 108.166,
328.732

 32, 108.166,
328.732

 22, 108.166,
328.732

 12, 108.166,
328.732

 2, 108.166,
328.732

 0, 108.166,

328.732

■ 62, 108.166,
328.732

■ 62, 108.166,
328.732

■ 61, 112.367,
328.849

■ 64, 100.936,
328.402

■ 60, 113.961,
328.955

■ 67, 90.899,
328.056

■ 71, 78.549,
327.637

■ 76, 64.510,
327.159

■ 81, 49.393,
326.638

■ 87, 33.710,
326.090

93, 17.849,
325.524

99, 2.085, 324.834

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, 108.166, 328.732



88, 111.756, 137.201

Rectangle

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



62, 108.166, 328.732



62, 108.166, 18.732



62, 108.166, 148.732



62, 108.166, 198.732

Sweetspot

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



62, 108.158, 328.666



85, 37.933, 326.238



38, 119.469, 304.411



43, 26.040, 326.434



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, 108.158, 328.666



60, 113.659, 328.932



58, 80.231, 357.230



50, 8.950, 325.419



45, 91.811, 328.942



12, 42.308, 328.855

Inverse Universe

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



62, 108.158, 328.666



60, 113.659, 328.932



89, 77.925, 153.689



50, 8.950, 325.419



45, 91.811, 328.942



12, 42.308, 328.855

Previews

White Background



This preview shows how the CIELCh color 62, 108.166, 328.732 looks on a white background.

Color Contrast Check

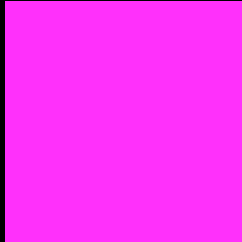
Large Text (above 18pt) WCAG AA × Fail

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, 108.166, 328.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

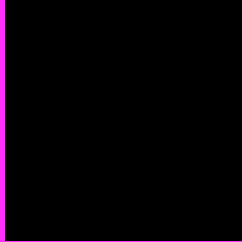
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 108.166, 328.732

Background



This preview shows how black text looks on a background with the CIELCh color 62, 108.166, 328.732.



This preview shows how white text looks on a background with the CIELCh color 62, 108.166, 328.732.

328.732.

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, 107.936, 328.726

Protanopia

62, 60.793, 285.624

Deuteranopia

62, 49.611, 280.398



Tritanopia
62, 56.621, 22.837

Trichromacy



Original Color
62, 107.936, 328.726



Protanomaly
58, 81.373, 306.643



Deuteranomaly
57, 73.932, 307.113



Tritanomaly
60, 68.135, 352.675

Monochromacy



Original Color
62, 107.936, 328.726



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, 108.166, 328.732 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, 48, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 251)  
}
```

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, 48, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 108.166, 328.732 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, 48, 251) }
```

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

```
.border{ border-color:rgb(255, 48, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 48, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 108.166, 328.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 251) }
```

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

```
.background{ background-color: rgb(255, 48,  
251) }
```

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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