

Converting Colors

CIELCh(62, 108.805, 327.490)

Have a look what the booklet for
CIELCh(62, 108.805, 327.490)
contains.

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Color

CIELCh(62, 108.662, 327.522)

Conversions

Conversions Part 1

Format	Color
Hex	FC33FF
RGB	252, 51, 255
RGB Percent	99%, 20%, 100%
CMY	0.0105, 0.7981, 0.0000
CMYK	0.01, 0.80, 0.00, 0.00
HSL	299°, 100%, 60%
HSV	299°, 80%, 100%
XYZ	59.5629, 30.4025, 97.5899
YIQ	134.3550, 54.3120, 106.0560

Conversions

Conversions Part 2

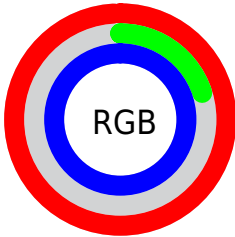
Format	Color
R _Y B	252, 51, 255
Decimal	16528383
CIE Lab	62.00, 91.67, -58.35
CIE LCh	62, 108.662, 327.522
Yxy	30.4025, 0.3176, 0.1621
Android (android.graphics.Color)	4294718463 (0xFFFC33FF)
YUV	134.3550, 59.4780, 103.1747
Hunter-Lab	55.1385, 96.3308, -66.3407

Details

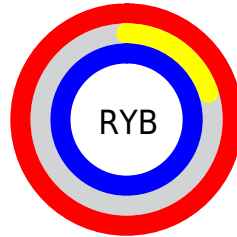
The CIELCh color **62, 108.662, 327.522** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 111.254, 136.928**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.575, 327.155**, and **46, 95.299, 327.028** is the 20% darker color. If you saturate the color by 10%, you get **60, 113.403, 327.681**, and if you desaturate by 10%, it is **64, 100.676, 327.360**.

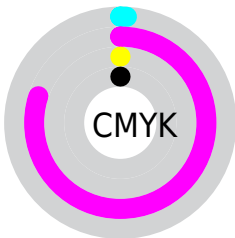
Distribution



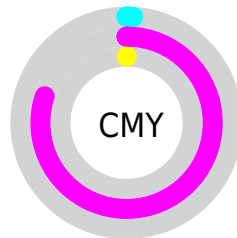
- Red (99%)
- Green (20%)
- Blue (100%)



- Red (99%)
- Yellow (20%)
- Blue (100%)



- Cyan (1%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (80%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 108.662, 327.522 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, 108.662, 327.522 by changing the saturation by 10% instead.


 62, 108.662,
327.522


 62, 108.662,
327.522


 100, 108.662,
327.522


 52, 108.662,
327.522


 82, 108.662,
327.522


 42, 108.662,
327.522

 92, 108.662,
327.522

 32, 108.662,
327.522

 22, 108.662,
327.522

 12, 108.662,
327.522

 2, 108.662,
327.522

 0, 108.662,

327.522

■ 62, 108.662,
327.522

■ 62, 108.662,
327.522

■ 60, 113.403,
327.681

■ 64, 100.676,
327.360

■ 60, 115.600,
327.702

■ 68, 90.056,
327.051

■ 60, 115.632,
327.702

■ 72, 77.226,
326.658

■ 77, 62.820,
326.199

■ 82, 47.435,
325.694

■ 88, 31.564,
325.160

94, 15.573,
324.607

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, 108.662, 327.522



88, 111.254, 136.928

Rectangle

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



62, 108.662, 327.522



62, 108.662, 17.522



62, 108.662, 147.522



62, 108.662, 197.522

Sweetspot

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



62, 108.547, 327.572



85, 38.240, 325.386



39, 116.081, 303.612



43, 26.254, 325.576



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, 108.547, 327.572



60, 114.956, 327.701



58, 80.466, 354.173



50, 9.020, 324.589



45, 93.134, 327.711



12, 42.843, 327.774

Inverse Universe

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



56, 88.348, 33.438



54, 102.090, 38.851



89, 79.471, 152.303



49, 5.252, 18.878



40, 83.629, 39.480



10, 33.257, 26.653

Previews

White Background



This preview shows how the CIE LCh color 62, 108.662, 327.522 looks on a white background.

Color Contrast Check

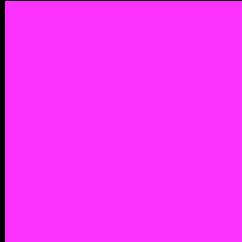
Large Text (above 18pt) WCAG AA × Fail

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, 108.662, 327.522 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, 108.662, 327.522

Background



This preview shows how black text looks on a background with the CIELCh color 62, 108.662, 327.522.



This preview shows how white text looks on a background with the CIELCh color 62, 108.662, 327.522.

327.522.

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, 108.662, 327.522

Protanopia

62, 60.764, 285.807

Deuteranopia

62, 51.912, 280.308



Tritanopia
62, 53.984, 22.190

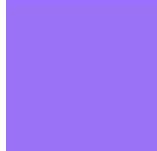
Trichromacy



Original Color
62, 108.662, 327.522



Protanomaly
58, 81.295, 306.433



Deuteranomaly
58, 75.371, 305.858



Tritanomaly
61, 67.150, 350.853

Monochromacy



Original Color
62, 108.662, 327.522



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 48.887, 326.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 108.662, 327.522 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(252, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 51, 255)  
}
```

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(252, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 51, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 108.662, 327.522 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(252, 51, 255) }
```

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

```
.border{ border-color:rgb(252, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 51,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 108.662, 327.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 51, 255) }
```

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

```
.background{ background-color: rgb(252, 51,  
255) }
```

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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