

Converting Colors

CIELCh(62, 109.947, 328.065)

Have a look what the booklet for
CIELCh(62, 109.947, 328.065)
contains.

CIELCh(62, 109.860, 328.063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(62, 109.860, 328.063)

Conversions

Conversions Part 1

Format	Color
Hex	FF2EFF
RGB	255, 46, 255
RGB Percent	100%, 18%, 100%
CMY	0.0003, 0.8201, 0.0003
CMYK	0.00, 0.82, 0.00, 0.00
HSL	300°, 100%, 59%
HSV	300°, 82%, 100%
XYZ	60.2182, 30.4025, 97.2344
YIQ	132.3170, 57.4750, 109.3070

Conversions

Conversions Part 2

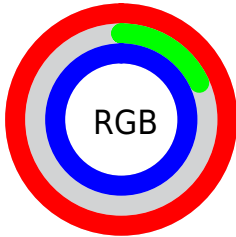
Format	Color
R _Y B	255, 46, 255
Decimal	16723711
CIE _{Lab}	62.00, 93.23, -58.11
CIE _{LCh}	62, 109.860, 328.063
Yxy	30.4025, 0.3206, 0.1618
Android (android.graphics.Color)	4294913791 (0xFFFF2EFF)
YUV	132.3170, 60.4827, 107.5930
Hunter-Lab	55.1385, 98.4523, -65.9585

Details

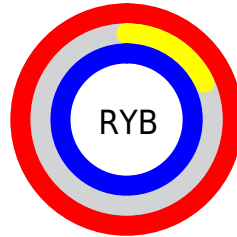
The CIELCh color **62, 109.860, 328.063** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 112.941, 136.871**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.614, 327.189**, and **46, 95.224, 327.629** is the 20% darker color. If you saturate the color by 10%, you get **61, 114.006, 328.187**, and if you desaturate by 10%, it is **64, 102.704, 327.847**.

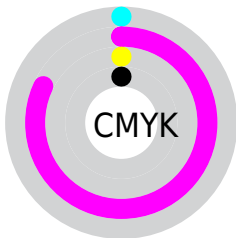
Distribution



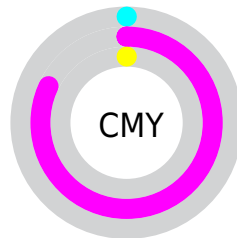
- Red (100%)
- Green (18%)
- Blue (100%)



- Red (100%)
- Yellow (18%)
- Blue (100%)



- Cyan (0%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (82%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 109.860, 328.063 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, 109.860, 328.063 by changing the saturation by 10% instead.


 62, 109.860,
328.063


 62, 109.860,
328.063


 100, 109.860,
328.063


 52, 109.860,
328.063


 82, 109.860,
328.063


 42, 109.860,
328.063

 92, 109.860,
328.063

 32, 109.860,
328.063

 22, 109.860,
328.063

 12, 109.860,
328.063

 2, 109.860,
328.063

 0, 109.860,

328.063

■ 62, 109.860,
328.063

■ 62, 109.860,
328.063

■ 61, 114.006,
328.187

■ 64, 102.704,
327.847

■ 60, 115.540,
328.232

■ 67, 92.708,
327.539

■ 71, 80.350,
327.149

■ 76, 66.248,
326.692

■ 81, 51.018,
326.186

■ 87, 35.182,
325.648

93, 19.140,
325.089

99, 3.179, 324.455

100, 0.039,
152.254

Harmonies

Complementary

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



62, 109.860, 328.063



88, 112.941, 136.871

Rectangle

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



62, 109.860, 328.063



62, 109.860, 18.063



62, 109.860, 148.063



62, 109.860, 198.063

Sweetspot

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



62, 109.857, 328.063



85, 39.976, 325.811



38, 118.839, 304.029



43, 27.247, 326.001



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, 109.857, 328.063



60, 115.235, 328.222



58, 81.380, 354.803



50, 9.057, 324.947



45, 93.083, 328.232



12, 42.823, 328.232

Inverse Universe

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



55, 91.332, 35.000



53, 103.551, 39.593



89, 80.947, 151.850



49, 5.254, 19.943



40, 84.229, 40.000



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIELCh color 62, 109.860, 328.063 looks on a white background.

Color Contrast Check

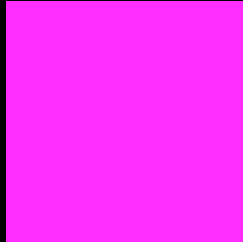
Large Text (above 18pt) WCAG AA × Fail

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, 109.860, 328.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

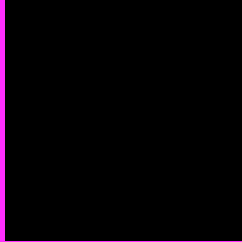
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 109.860, 328.063

Background



This preview shows how black text looks on a background with the CIELCh color 62, 109.860, 328.063.



This preview shows how white text looks on a background with the CIELCh color 62, 109.860, 328.063.

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, 109.860, 328.063

Protanopia

62, 60.764, 285.807

Deuteranopia

62, 51.870, 280.526



Tritanopia
62, 55.743, 22.623

Trichromacy



Original Color
62, 109.860, 328.063



Protanomaly
58, 82.488, 306.952



Deuteranomaly
57, 76.594, 306.436



Tritanomaly
60, 68.501, 351.818

Monochromacy



Original Color
62, 109.860, 328.063



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 50.355, 326.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 109.860, 328.063 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, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 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(255, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 109.860, 328.063 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, 46, 255) }
```

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

```
.border{ border-color:rgb(255, 46, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 109.860, 328.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 255) }
```

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

```
.background{ background-color: rgb(255, 46,  
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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