

Converting Colors

CIELCh(63, 99.440, 329.899)

Have a look what the booklet for
CIELCh(63, 99.440, 329.899)
contains.

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Color

CIELCh(63, 99.358, 329.910)

Conversions

Conversions Part 1

Format	Color
Hex	FE44F3
RGB	254, 68, 243
RGB Percent	100%, 27%, 95%
CMY	0.0048, 0.7344, 0.0479
CMYK	0.00, 0.73, 0.04, 0.00
HSL	304°, 99%, 63%
HSV	304°, 73%, 100%
XYZ	58.9850, 31.5869, 87.6105
YIQ	143.5640, 54.6810, 93.8570

Conversions

Conversions Part 2

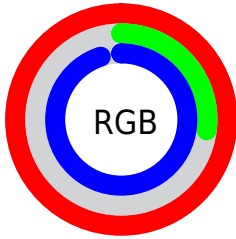
Format	Color
R _Y B	254, 68, 243
Decimal	16663795
CIE _{Lab}	63.00, 85.97, -49.81
CIE _{LCh}	63, 99.358, 329.910
Y _{xy}	31.5869, 0.3310, 0.1773
Android (android.graphics.Color)	4294853875 (0xFFFE44F3)
YUV	143.5640, 49.0219, 96.8524
Hunter-Lab	56.2022, 88.9842, -53.0822

Details

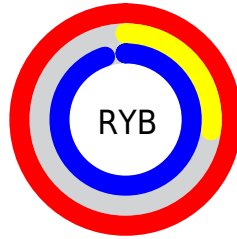
The CIELCh color **63, 99.358, 329.910** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 102.496, 138.900**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 74.678, 326.966**, and **45, 91.084, 329.732** is the 20% darker color. If you saturate the color by 10%, you get **61, 105.654, 330.274**, and if you desaturate by 10%, it is **66, 90.191, 329.492**.

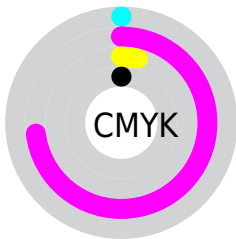
Distribution



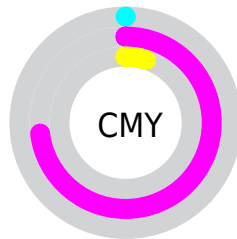
- Red (100%)
- Green (27%)
- Blue (95%)



- Red (100%)
- Yellow (27%)
- Blue (95%)



- Cyan (0%)
- Magenta (73%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 99.358, 329.910 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 63, 99.358, 329.910 by changing the saturation by 10% instead.


 63, 99.358,
329.910


 63, 99.358,
329.910


 100, 99.358,
329.910


 53, 99.358,
329.910


 83, 99.358,
329.910

 43, 99.358,
329.910

 93, 99.358,
329.910

 33, 99.358,
329.910

 23, 99.358,
329.910

 13, 99.358,
329.910

 3, 99.358, 329.910

 0, 99.358, 329.910

63, 99.358,
329.910

63, 99.358,
329.910

61, 105.654,
330.274

66, 90.191,
329.492

60, 108.953,
330.589

70, 78.631,
329.021

59, 109.833,
330.783

75, 65.297,
328.505

80, 50.805,
327.957

85, 35.680,
327.388

91, 20.325,
326.808

97, 5.025, 326.189

100, 0.440,
185.957

100, 0.426,
200.933

Harmonies

Complementary

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



63, 99.358, 329.910



88, 102.496, 138.900

Rectangle

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



63, 99.358, 329.910



63, 99.358, 19.910



63, 99.358, 149.910



63, 99.358, 199.910

Sweetspot

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



63, 99.355, 329.910



87, 33.809, 327.313



42, 107.903, 303.336



44, 22.714, 327.469



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 99.355, 329.910



60, 107.968, 330.427



59, 74.855, 357.411



50, 8.700, 326.584



45, 88.859, 330.737



12, 41.109, 330.418

Inverse Universe

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



63, 99.355, 329.910



60, 107.968, 330.427



89, 69.817, 157.106



50, 8.700, 326.584



45, 88.859, 330.737



12, 41.109, 330.418

Previews

White Background



This preview shows how the CIELCh color 63, 99.358, 329.910 looks on a white background.

Color Contrast Check

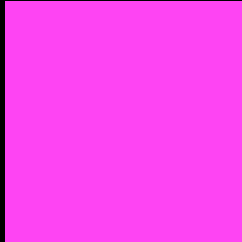
Large Text (above 18pt) WCAG AA × Fail

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 63, 99.358, 329.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

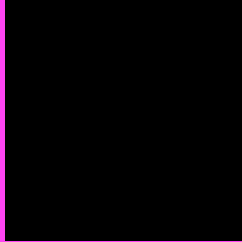
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 99.358, 329.910

Background



This preview shows how black text looks on a background with the CIELCh color 63, 99.358, 329.910.

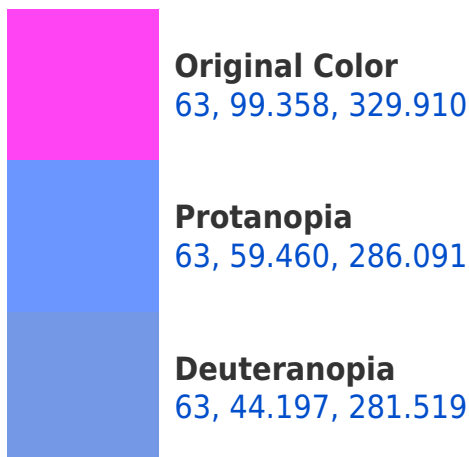


This preview shows how white text looks on a background with the CIELCh color 63, 99.358, 329.910.

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





Tritanopia
63, 54.138, 21.600

Trichromacy



Original Color
63, 99.358, 329.910



Protanomaly
60, 75.031, 306.190



Deuteranomaly
60, 65.578, 308.322



Tritanomaly
62, 64.052, 353.707

Monochromacy



Original Color
63, 99.358, 329.910



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 42.710, 328.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 99.358, 329.910 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(254, 68, 243)` looks like.

```
.text, #text, p{  
    color:rgb(254, 68, 243)  
}
```

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(254, 68, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 68, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 99.358, 329.910 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(254, 68, 243) }
```

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

```
.border{ border-color:rgb(254, 68, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 68, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 68, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 68, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 68,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 99.358, 329.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 68, 243) }
```

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

```
.background{ background-color: rgb(254, 68,  
243) }
```

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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