

Converting Colors

CIELCh(63, 99.782, 329.745)

Have a look what the booklet for
CIELCh(63, 99.782, 329.745)
contains.

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Color

CIELCh(63, 100.051, 329.720)

Conversions

Conversions Part 1

Format	Color
Hex	FE43F4
RGB	254, 67, 244
RGB Percent	100%, 26%, 96%
CMY	0.0042, 0.7376, 0.0434
CMYK	0.00, 0.74, 0.04, 0.00
HSL	303°, 99%, 63%
HSV	303°, 74%, 100%
XYZ	59.1648, 31.5869, 88.5096
YIQ	143.0910, 54.6350, 94.6910

Conversions

Conversions Part 2

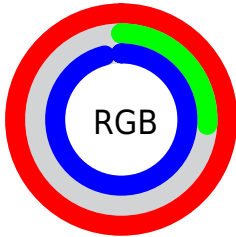
Format	Color
R_{YB}	254, 67, 244
Decimal	16663540
CIE _{Lab}	63.00, 86.40, -50.45
CIE _{LCh}	63, 100.051, 329.720
Yxy	31.5869, 0.3300, 0.1762
Android (android.graphics.Color)	4294853620 (0xFFFE43F4)
YUV	143.0910, 49.7481, 97.2672
Hunter-Lab	56.2022, 89.5551, -54.0308

Details

The CIELCh color **63, 100.051, 329.720** 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, 103.178, 138.733**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 75.226, 326.984**, and **46, 91.456, 329.511** is the 20% darker color. If you saturate the color by 10%, you get **61, 106.289, 330.065**, and if you desaturate by 10%, it is **66, 90.928, 329.317**.

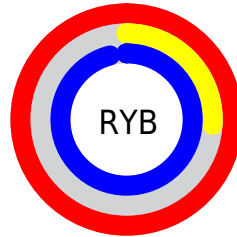
Distribution



Red (100%)

Green (26%)

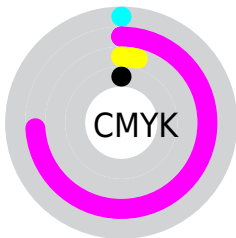
Blue (96%)



Red (100%)

Yellow (26%)

Blue (96%)

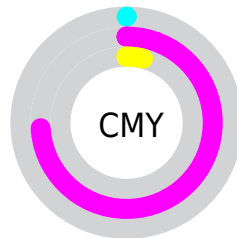


Cyan (0%)

Magenta (74%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 100.051, 329.720 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, 100.051, 329.720 by changing the saturation by 10% instead.


 63, 100.051,
329.720


 63, 100.051,
329.720


 100, 100.051,
329.720


 53, 100.051,
329.720


 83, 100.051,
329.720


 43, 100.051,
329.720

 93, 100.051,
329.720

 33, 100.051,
329.720

 23, 100.051,
329.720

 13, 100.051,
329.720

 3, 100.051,
329.720

 0, 100.051,

329.720

■ 63, 100.051,
329.720

■ 63, 100.051,
329.720

■ 61, 106.289,
330.065

■ 66, 90.928,
329.317

■ 60, 109.533,
330.358

■ 70, 79.390,
328.857

■ 59, 110.379,
330.525

■ 75, 66.050,
328.349

■ 80, 51.528,
327.807

■ 85, 36.353,
327.242

■ 91, 20.935,
326.665

97, 5.564, 326.054

100, 0.387,
184.914

100, 0.374,
201.156

Harmonies

Complementary

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



63, 100.051, 329.720



88, 103.178, 138.733

Rectangle

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



63, 100.051, 329.720



63, 100.051, 19.720



63, 100.051, 149.720



63, 100.051, 199.720

Sweetspot

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



63, 100.048, 329.720



87, 33.938, 327.148



42, 108.446, 303.399



44, 22.801, 327.304



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, 100.048, 329.720



61, 108.413, 330.199



59, 75.105, 357.508



50, 8.733, 326.422



45, 89.254, 330.484



12, 41.269, 330.199

Inverse Universe

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



63, 100.048, 329.720



61, 108.413, 330.199



89, 70.085, 157.041



50, 8.733, 326.422



45, 89.254, 330.484



12, 41.269, 330.199

Previews

White Background



This preview shows how the CIELCh color 63, 100.051, 329.720 looks on a white background.

Color Contrast Check

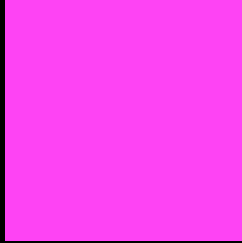
Large Text (above 18pt) WCAG AA × Fail

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 63, 100.051, 329.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

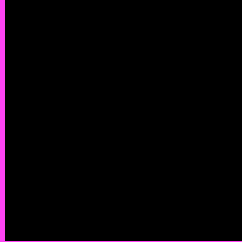
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 100.051, 329.720

Background



This preview shows how black text looks on a background with the CIELCh color 63, 100.051, 329.720.



This preview shows how white text looks on a background with the CIELCh color 63, 100.051, 329.720.

329.720.

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

63, 100.051, 329.720

Protanopia

63, 59.460, 286.091

Deuteranopia

63, 44.771, 281.464



Tritanopia
63, 54.138, 21.600

Trichromacy



Original Color
63, 100.051, 329.720



Protanomaly
60, 75.031, 306.190



Deuteranomaly
60, 66.100, 308.235



Tritanomaly
62, 64.052, 353.707

Monochromacy



Original Color
63, 100.051, 329.720



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 43.782, 327.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 100.051, 329.720 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, 67, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 67, 244)  
}
```

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, 67, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 67, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 100.051, 329.720 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, 67, 244) }
```

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

```
.border{ border-color:rgb(254, 67, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 67, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 67, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 67, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 67,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 100.051, 329.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 67, 244) }
```

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

```
.background{ background-color: rgb(254, 67,  
244) }
```

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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