

Converting Colors

CIELCh(63, 101.759, 326.433)

Have a look what the booklet for
CIELCh(63, 101.759, 326.433)
contains.

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Color

CIELCh(63, 101.526, 326.563)

Conversions

Conversions Part 1

Format	Color
Hex	F749FE
RGB	247, 73, 254
RGB Percent	97%, 29%, 100%
CMY	0.0324, 0.7149, 0.0050
CMYK	0.03, 0.71, 0.00, 0.00
HSL	298°, 99%, 64%
HSV	298°, 71%, 100%
XYZ	58.4696, 31.5869, 96.5583
YIQ	145.6600, 45.6030, 93.1790

Conversions

Conversions Part 2

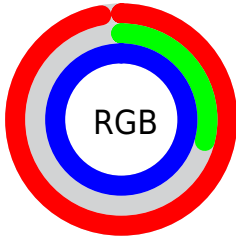
Format	Color
R _Y B	247, 73, 254
Decimal	16206334
CIE Lab	63.00, 84.72, -55.94
CIE LCh	63, 101.526, 326.563
Yxy	31.5869, 0.3133, 0.1693
Android (android.graphics.Color)	4294396414 (0xFFFF749FE)
YUV	145.6600, 53.4116, 88.8752
Hunter-Lab	56.2022, 87.3474, -62.5216

Details

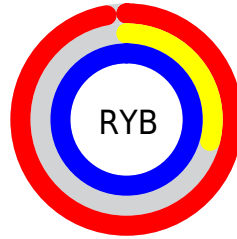
The CIELCh color **63, 101.526, 326.563** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 103.024, 137.367**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **45, 95.059, 326.224** is the 20% darker color. If you saturate the color by 10%, you get **61, 109.049, 326.711**, and if you desaturate by 10%, it is **66, 91.214, 326.303**.

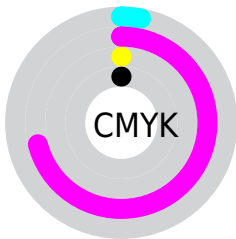
Distribution



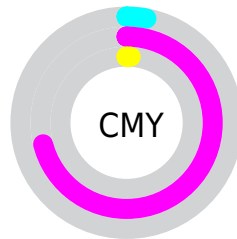
- Red (97%)
- Green (29%)
- Blue (100%)



- Red (97%)
- Yellow (29%)
- Blue (100%)



- Cyan (3%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (71%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 101.526, 326.563 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, 101.526, 326.563 by changing the saturation by 10% instead.


 63, 101.526,
326.563


 63, 101.526,
326.563


 100, 101.526,
326.563


 53, 101.526,
326.563


 83, 101.526,
326.563


 43, 101.526,
326.563

 93, 101.526,
326.563

 33, 101.526,
326.563

 23, 101.526,
326.563

 13, 101.526,
326.563

 3, 101.526,
326.563

 0, 101.526,

326.563

■ 63, 101.526,
326.563

■ 63, 101.526,
326.563

■ 61, 109.049,
326.711

■ 66, 91.214,
326.303

■ 59, 113.547,
326.740

■ 71, 78.655,
325.947

■ 58, 115.357,
326.681

■ 75, 64.488,
325.517

■ 81, 49.315,
325.036

■ 86, 33.633,
324.521

■ 92, 17.813,
323.987

99, 2.111, 323.337

100, 0.648,
122.946

100, 0.630,
110.008

Harmonies

Complementary

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



63, 101.526, 326.563



88, 103.024, 137.367

Rectangle

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



63, 101.526, 326.563



63, 101.526, 16.563



63, 101.526, 146.563



63, 101.526, 196.563

Sweetspot

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



63, 101.523, 326.563



87, 33.213, 324.503



45, 100.105, 300.768



45, 22.486, 324.648



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, 101.523, 326.563



60, 111.947, 326.739



61, 76.550, 349.720



50, 8.949, 323.887



44, 93.261, 326.707



12, 42.892, 326.889

Inverse Universe

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



58, 77.520, 28.638



55, 93.116, 34.377



89, 75.185, 152.358



49, 5.255, 16.811



40, 82.559, 38.515



10, 33.052, 25.627

Previews

White Background



This preview shows how the CIELCh color 63, 101.526, 326.563 looks on a white background.

Color Contrast Check

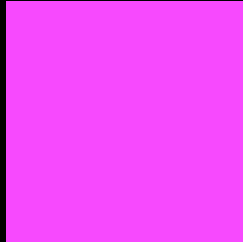
Large Text (above 18pt) WCAG AA × Fail

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, 101.526, 326.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

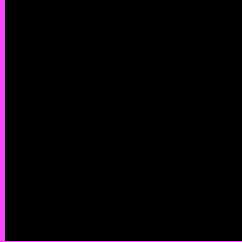
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 101.526, 326.563

Background



This preview shows how black text looks on a background with the CIELCh color 63, 101.526, 326.563.

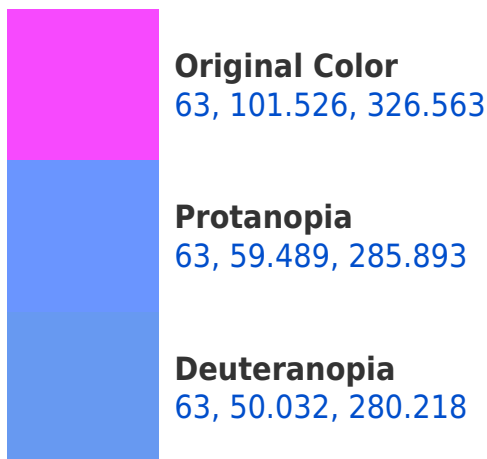


This preview shows how white text looks on a background with the CIELCh color 63, 101.526, 326.563.

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, 48.066, 20.043

Trichromacy



Original Color
63, 101.526, 326.563



Protanomaly
60, 75.878, 305.010



Deuteranomaly
60, 69.263, 304.277



Tritanomaly
62, 60.807, 348.878

Monochromacy



Original Color
63, 101.526, 326.563



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 43.253, 325.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 101.526, 326.563 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(247, 73, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 73, 254)  
}
```

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(247, 73, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 73, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 101.526, 326.563 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(247, 73, 254) }
```

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

```
.border{ border-color:rgb(247, 73, 254) }
```

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

Here you see how a box with a 4 pixel rgb(247, 73, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 73, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 73, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 73,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 101.526, 326.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 73, 254) }
```

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

```
.background{ background-color: rgb(247, 73,  
254) }
```

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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