

Converting Colors

CIELCh(63, 103.945, 327.335)

Have a look what the booklet for
CIELCh(63, 103.945, 327.335)
contains.

CIELCh(63, 104.005, 327.368)	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(63, 104.005, 327.368)

Conversions

Conversions Part 1

Format	Color
Hex	FB42FE
RGB	251, 66, 254
RGB Percent	98%, 26%, 100%
CMY	0.0154, 0.7408, 0.0037
CMYK	0.01, 0.74, 0.00, 0.00
HSL	299°, 99%, 63%
HSV	299°, 74%, 100%
XYZ	59.6595, 31.5869, 96.7709
YIQ	142.7470, 49.9120, 97.6880

Conversions

Conversions Part 2

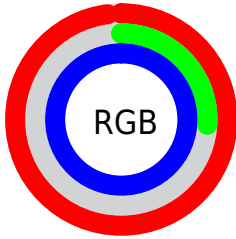
Format	Color
R _Y B	251, 66, 254
Decimal	16466686
CIE _{Lab}	63.00, 87.59, -56.08
CIE _{LCh}	63, 104.005, 327.368
Yxy	31.5869, 0.3173, 0.1680
Android (android.graphics.Color)	4294656766 (0xFFFB42FE)
YUV	142.7470, 54.8477, 94.9379
Hunter-Lab	56.2022, 91.1265, -62.7459

Details

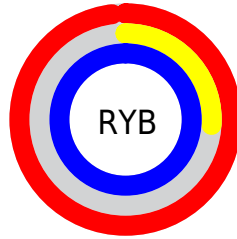
The CIELCh color **63, 104.005, 327.368** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 106.074, 137.416**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 75.226, 326.984**, and **46, 94.938, 327.022** is the 20% darker color. If you saturate the color by 10%, you get **61, 110.624, 327.532**, and if you desaturate by 10%, it is **66, 94.487, 327.102**.

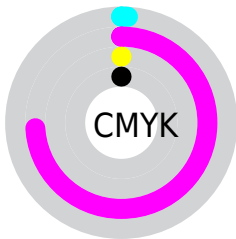
Distribution



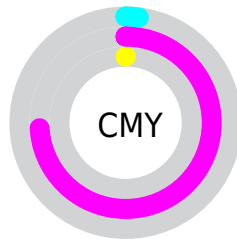
- Red (98%)
- Green (26%)
- Blue (100%)



- Red (98%)
- Yellow (26%)
- Blue (100%)



- Cyan (1%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (74%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 104.005, 327.368 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, 104.005, 327.368 by changing the saturation by 10% instead.


 63, 104.005,
327.368


 63, 104.005,
327.368


 100, 104.005,
327.368


 53, 104.005,
327.368


 83, 104.005,
327.368


 43, 104.005,
327.368

 93, 104.005,
327.368

 33, 104.005,
327.368

 23, 104.005,
327.368

 13, 104.005,
327.368

 3, 104.005,
327.368

 0, 104.005,

327.368

■ 63, 104.005,
327.368

■ 63, 104.005,
327.368

■ 61, 110.624,
327.532

■ 66, 94.487,
327.102

■ 60, 114.251,
327.592

■ 70, 82.527,
326.746

■ 59, 115.325,
327.591

■ 74, 68.738,
326.315

■ 80, 53.741,
325.829

■ 85, 38.076,
325.307

■ 91, 22.156,
324.763

97, 6.281, 324.186

100, 0.525,
137.414

100, 0.476,
122.211

Harmonies

Complementary

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



63, 104.005, 327.368



88, 106.074, 137.416

Rectangle

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



63, 104.005, 327.368



63, 104.005, 17.368



63, 104.005, 147.368



63, 104.005, 197.368

Sweetspot

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



63, 104.002, 327.368



87, 35.026, 325.201



42, 107.631, 302.393



44, 23.533, 325.346



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, 104.002, 327.368



60, 113.125, 327.574



60, 77.152, 352.643



50, 9.012, 324.513



45, 93.146, 327.602



12, 42.848, 327.677

Inverse Universe

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



57, 81.553, 31.090



54, 97.075, 36.690



89, 75.018, 153.463



49, 5.252, 18.654



40, 83.507, 39.373



10, 33.235, 26.542

Previews

White Background



This preview shows how the CIELCh color 63, 104.005, 327.368 looks on a white background.

Color Contrast Check

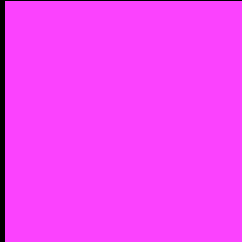
Large Text (above 18pt) WCAG AA × Fail

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, 104.005, 327.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

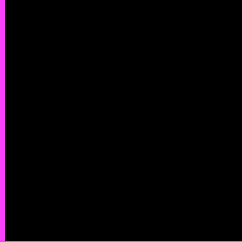
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 104.005, 327.368

Background



This preview shows how black text looks on a background with the CIELCh color 63, 104.005, 327.368.



This preview shows how white text looks on a background with the CIELCh color 63, 104.005, 327.368.

327.368.

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, 104.005, 327.368

Protanopia

63, 59.489, 285.893

Deuteranopia

63, 50.032, 280.218



Tritanopia
63, 51.105, 20.834

Trichromacy



Original Color
63, 104.005, 327.368



Protanomaly
60, 77.109, 305.799



Deuteranomaly
59, 71.140, 305.372



Tritanomaly
62, 63.264, 350.265

Monochromacy



Original Color
63, 104.005, 327.368



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 44.931, 325.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 104.005, 327.368 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(251, 66, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 66, 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(251, 66, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 66, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 104.005, 327.368 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(251, 66, 254) }
```

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

```
.border{ border-color:rgb(251, 66, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 66, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 66, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 66, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 66,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 104.005, 327.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 66, 254) }
```

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

```
.background{ background-color: rgb(251, 66,  
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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