

Converting Colors

CIELCh(63, 92.152, 332.122)

Have a look what the booklet for
CIELCh(63, 92.152, 332.122)
contains.

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Color

CIELCh(63, 92.103, 332.021)

Conversions

Conversions Part 1

Format	Color
Hex	FC4CE7
RGB	252, 76, 231
RGB Percent	99%, 30%, 91%
CMY	0.0122, 0.7024, 0.0946
CMYK	0.00, 0.70, 0.08, 0.01
HSL	307°, 97%, 64%
HSV	307°, 70%, 99%
XYZ	57.0846, 31.5869, 78.6067
YIQ	146.2940, 55.1410, 85.5170

Conversions

Conversions Part 2

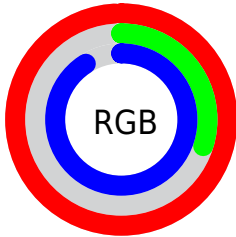
Format	Color
RYB	252, 76, 231
Decimal	16534759
CIELab	63.00, 81.34, -43.21
CIELCh	63, 92.103, 332.021
Yxy	31.5869, 0.3413, 0.1888
Android (android.graphics.Color)	4294724839 (0xFFFC4CE7)
YUV	146.2940, 41.7601, 92.7042
Hunter-Lab	56.2022, 82.9483, -43.5838

Details

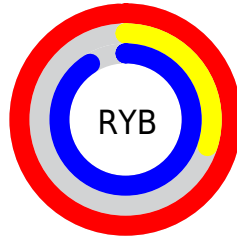
The CIELCh color **63, 92.103, 332.021** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **88, 94.986, 140.834**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **44, 87.064, 331.884** is the 20% darker color. If you saturate the color by 10%, you get **60, 98.965, 332.584**, and if you desaturate by 10%, it is **66, 82.544, 331.448**.

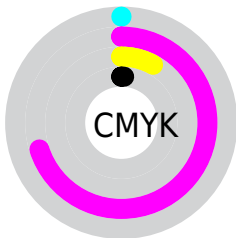
Distribution



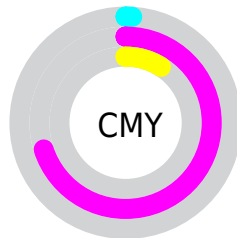
- Red (99%)
- Green (30%)
- Blue (91%)



- Red (99%)
- Yellow (30%)
- Blue (91%)



- Cyan (0%)
- Magenta (70%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (70%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 92.103, 332.021 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, 92.103, 332.021 by changing the saturation by 10% instead.


 63, 92.103,
332.021


 63, 92.103,
332.021


 100, 92.103,
332.021


 53, 92.103,
332.021


 83, 92.103,
332.021

 43, 92.103,
332.021

 93, 92.103,
332.021

 33, 92.103,
332.021

 23, 92.103,
332.021

 13, 92.103,
332.021

 3, 92.103, 332.021

 0, 92.103, 332.021

63, 92.103,
332.021

63, 92.103,
332.021

60, 98.965,
332.584

66, 82.544,
331.448

59, 102.845,
333.151

71, 70.855,
330.861

58, 104.081,
333.741

76, 57.666,
330.259

58, 104.090,
333.749

81, 43.561,
329.649

87, 29.008,
329.036

93, 14.353,
328.423

99, 0.170, 149.872

100, 1.085,
197.854

100, 1.084,
199.948

Harmonies

Complementary

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



63, 92.103, 332.021



88, 94.986, 140.834

Rectangle

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



63, 92.103, 332.021



63, 92.103, 22.021



63, 92.103, 152.021



63, 92.103, 202.021

Sweetspot

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



63, 92.100, 332.021



87, 30.962, 329.106



45, 101.767, 303.768



45, 20.960, 329.275



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, 92.100, 332.021



60, 101.899, 332.820



60, 70.861, 1.543



49, 8.207, 328.399



44, 83.920, 333.640



11, 38.418, 332.879

Inverse Universe

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



63, 92.100, 332.021



60, 101.899, 332.820



89, 62.738, 161.722



49, 8.207, 328.399



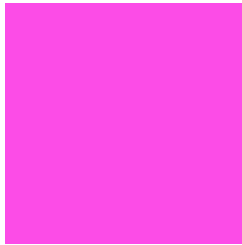
44, 83.920, 333.640



11, 38.418, 332.879

Previews

White Background



This preview shows how the CIELCh color 63, 92.103, 332.021 looks on a white background.

Color Contrast Check

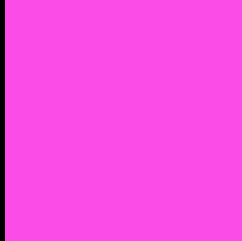
Large Text (above 18pt) WCAG AA × Fail

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, 92.103, 332.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

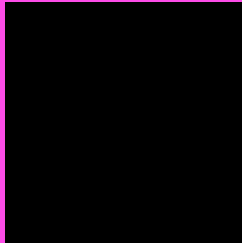
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 92.103, 332.021

Background



This preview shows how black text looks on a background with the CIELCh color 63, 92.103, 332.021.



This preview shows how white text looks on a background with the CIELCh color 63, 92.103, 332.021.

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, 92.103, 332.021

Protanopia

63, 59.460, 286.091

Deuteranopia

63, 38.410, 282.969



Tritanopia
63, 54.138, 21.600

Trichromacy



Original Color
63, 92.103, 332.021



Protanomaly
60, 70.576, 305.866



Deuteranomaly
60, 57.733, 310.841



Tritanomaly
62, 61.801, 355.877

Monochromacy



Original Color
63, 92.103, 332.021



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 39.013, 330.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 92.103, 332.021 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(252, 76, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 76, 231)  
}
```

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(252, 76, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 76, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 92.103, 332.021 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(252, 76, 231) }
```

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

```
.border{ border-color:rgb(252, 76, 231) }
```

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

Here you see how a box with a 4 pixel rgb(252, 76, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 76, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 76, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 76,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 92.103, 332.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 76, 231) }
```

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

```
.background{ background-color: rgb(252, 76,  
231) }
```

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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