

Converting Colors

CIELCh(63, 80.319, 340.043)

Have a look what the booklet for
CIELCh(63, 80.319, 340.043)
contains.

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Color

CIELCh(63, 80.416, 339.987)

Conversions

Conversions Part 1

Format	Color
Hex	FE53CB
RGB	254, 83, 203
RGB Percent	100%, 33%, 80%
CMY	0.0037, 0.6743, 0.2038
CMYK	0.00, 0.67, 0.20, 0.00
HSL	318°, 99%, 66%
HSV	318°, 67%, 100%
XYZ	54.7710, 31.5869, 59.7363
YIQ	147.8090, 63.3960, 73.5720

Conversions

Conversions Part 2

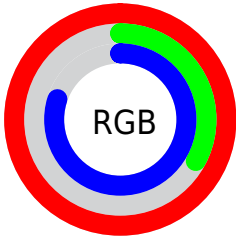
Format	Color
R_{YB}	254, 83, 203
Decimal	16667595
CIE _{Lab}	63.00, 75.56, -27.52
CIE _{LCh}	63, 80.416, 339.987
Yxy	31.5869, 0.3749, 0.2162
Android (android.graphics.Color)	4294857675 (0xFFFE53CB)
YUV	147.8090, 27.2092, 93.1295
Hunter-Lab	56.2022, 75.6003, -23.6767

Details

The CIELCh color **63, 80.416, 339.987** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **89, 81.712, 146.819**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 69.077, 326.784**, and **44, 78.586, 339.954** is the 20% darker color. If you saturate the color by 10%, you get **60, 87.075, 341.268**, and if you desaturate by 10%, it is **67, 71.304, 338.884**.

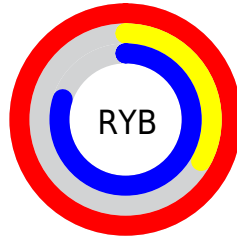
Distribution



Red (100%)

Green (33%)

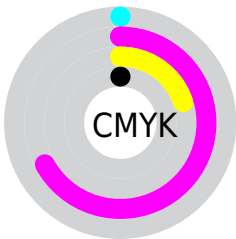
Blue (80%)



Red (100%)

Yellow (33%)

Blue (80%)

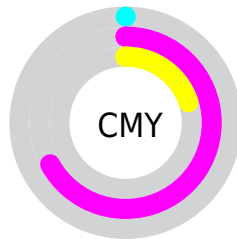


Cyan (0%)

Magenta (67%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (67%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 80.416, 339.987 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, 80.416, 339.987 by changing the saturation by 10% instead.

 63, 80.416,
339.987


 63, 80.416,
339.987


 100, 80.416,
339.987


 53, 80.416,
339.987


 83, 80.416,
339.987

 43, 80.416,
339.987

 93, 80.416,
339.987

 33, 80.416,
339.987

 23, 80.416,
339.987

 13, 80.416,
339.987

 3, 80.416, 339.987

 0, 80.416, 339.987

■ 63, 80.416,
339.987

■ 63, 80.416,
339.987

■ 60, 87.075,
341.268

■ 67, 71.304,
338.884

■ 58, 90.868,
342.797

■ 72, 60.372,
337.904

■ 57, 91.811,
344.651

■ 77, 48.245,
337.014

■ 56, 91.806,
345.191

■ 83, 35.459,
336.190

■ 89, 22.417,
335.418

■ 95, 9.400, 334.674

100, 0.331,
201.385

Harmonies

Complementary

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



63, 80.416, 339.987



89, 81.712, 146.819

Rectangle

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



63, 80.416, 339.987



63, 80.416, 29.987



63, 80.416, 159.987



63, 80.416, 209.987

Sweetspot

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



63, 80.412, 339.987



87, 26.016, 335.622



50, 97.731, 306.847



45, 17.765, 335.838



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, 80.412, 339.987



59, 89.081, 341.802



60, 68.930, 13.916



50, 7.349, 334.838



43, 74.397, 344.811



11, 35.051, 342.248

Inverse Universe

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



63, 80.412, 339.987



59, 89.081, 341.802



91, 52.271, 174.498



50, 7.349, 334.838



43, 74.397, 344.811



11, 35.051, 342.248

Previews

White Background



This preview shows how the CIELCh color 63, 80.416, 339.987 looks on a white background.

Color Contrast Check

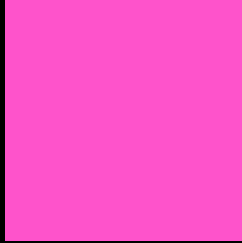
Large Text (above 18pt) WCAG AA × Fail

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, 80.416, 339.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

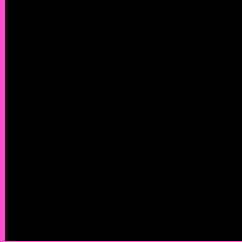
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 80.416, 339.987

Background



This preview shows how black text looks on a background with the CIELCh color 63, 80.416, 339.987.



This preview shows how white text looks on a background with the CIELCh color 63, 80.416, 339.987.

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, 80.416, 339.987

Protanopia
63, 59.403, 286.492

Deuteranopia
63, 24.071, 289.514



Tritanopia
63, 58.104, 23.035

Trichromacy



Original Color
63, 80.416, 339.987



Protanomaly
60, 63.490, 306.353



Deuteranomaly
61, 44.697, 321.340



Tritanomaly
63, 61.475, 3.698

Monochromacy



Original Color
63, 80.416, 339.987



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 33.986, 336.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 80.416, 339.987 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, 83, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 83, 203)  
}
```

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, 83, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 83, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 80.416, 339.987 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, 83, 203) }
```

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

```
.border{ border-color:rgb(254, 83, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 83, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 83, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 83, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 83,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 80.416, 339.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 83, 203) }
```

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

```
.background{ background-color: rgb(254, 83,  
203) }
```

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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