

Converting Colors

CIELCh(57, 78.419, 2.099)

Have a look what the booklet for
CIELCh(57, 78.419, 2.099) contains.

CIELCh(57, 78.295, 2.022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 78.295, 2.022)

Conversions

Conversions Part 1

Format	Color
Hex	FD3187
RGB	253, 49, 135
RGB Percent	99%, 19%, 53%
CMY	0.0067, 0.8063, 0.4697
CMYK	0.00, 0.80, 0.47, 0.01
HSL	335°, 98%, 59%
HSV	335°, 80%, 99%
XYZ	46.1189, 24.9227, 25.3887
YIQ	119.8000, 93.9780, 69.9940

Conversions

Conversions Part 2

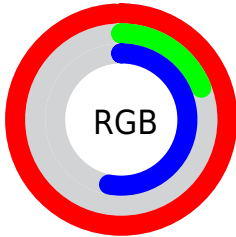
Format	Color
R_{YB}	253, 49, 135
Decimal	16593287
CIE _{Lab}	57.00, 78.25, 2.76
CIE _{LCh}	57, 78.295, 2.022
Yxy	24.9227, 0.4783, 0.2585
Android (android.graphics.Color)	4294783367 (0xFFFD3187)
YUV	119.8000, 7.4936, 116.8164
Hunter-Lab	49.9226, 77.5352, 4.7933

Details

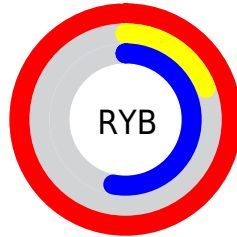
The CIELCh color **57, 78.295, 2.022** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **89, 72.246, 157.356**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 61.079, 348.851**, and **41, 67.666, 6.657** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.140, 6.079**, and if you desaturate by 10%, it is **60, 72.244, 358.826**.

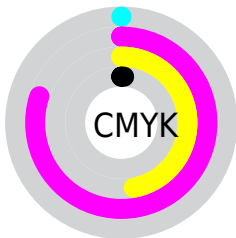
Distribution



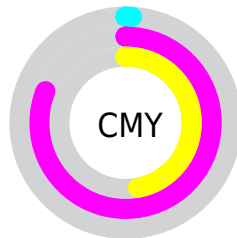
- Red (99%)
- Green (19%)
- Blue (53%)



- Red (99%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (47%)
- Black (1%)




- Cyan (1%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 78.295, 2.022 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 57, 78.295, 2.022 by changing the saturation by 10% instead.

 57, 78.295, 2.022  57, 78.295, 2.022

 100, 78.295, 2.022  47, 78.295, 2.022

 77, 78.295, 2.022  37, 78.295, 2.022



 87, 78.295, 2.022  27, 78.295, 2.022

 97, 78.295, 2.022  17, 78.295, 2.022

 7, 78.295, 2.022

 0, 78.295, 2.022

 57, 78.295, 2.022  57, 78.295, 2.022

 55, 82.140, 6.079  60, 72.244,
358.826

 54, 84.248, 10.727

64, 64.189,
356.310

69, 54.622,
354.301

74, 44.107,
352.659

80, 33.135,
351.282

86, 22.069,
350.099

93, 11.151,
349.050

99, 0.524, 347.196

100, 0.594,
200.484

Harmonies

Complementary

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



57, 78.295, 2.022



89, 72.246, 157.356

Rectangle

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



57, 78.295, 2.022



57, 78.295, 52.022



57, 78.295, 182.022



57, 78.295, 232.022

Sweetspot

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



57, 78.291, 2.023



84, 26.083, 350.496



49, 110.969, 314.316



43, 17.976, 350.919



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 78.291, 2.023



55, 84.049, 9.241



57, 86.996, 36.522



50, 6.065, 348.950



41, 68.118, 9.767



10, 31.355, 3.014

Inverse Universe

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



57, 78.291, 2.023



55, 84.049, 9.241



87, 44.297, 206.074



50, 6.065, 348.950



41, 68.118, 9.767



10, 31.355, 3.014

Previews

White Background



This preview shows how the CIELCh color 57, 78.295, 2.022 looks on a white background.

Color Contrast Check

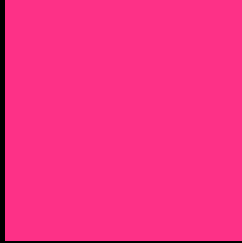
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 78.295, 2.022 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 × Fail

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

CIELCh 57, 78.295, 2.022

Background



This preview shows how black text looks on a background with the CIELCh color 57, 78.295, 2.022.



This preview shows how white text looks on a background with the CIELCh color 57, 78.295, 2.022.

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

57, 78.295, 2.022

Protanopia

57, 28.656, 285.591

Deuteranopia

57, 10.327, 42.786



Tritanopia
57, 79.139, 30.606

Trichromacy



Original Color
57, 78.295, 2.022



Protanomaly
53, 42.975, 327.798



Deuteranomaly
54, 38.614, 1.697



Tritanomaly
57, 76.553, 20.479

Monochromacy



Original Color
57, 78.295, 2.022



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 34.524, 352.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 78.295, 2.022 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(253, 49, 135)` looks like.

```
.text, #text, p{  
    color:rgb(253, 49, 135)  
}
```

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(253, 49, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 49, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 78.295, 2.022 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(253, 49, 135) }
```

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

```
.border{ border-color:rgb(253, 49, 135) }
```

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

Here you see how a box with a 4 pixel rgb(253, 49, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 49, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 49, 135);  
box-shadow:4px 4px 4px 4px rgb(253, 49,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 78.295, 2.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 49, 135) }
```

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

```
.background{ background-color: rgb(253, 49,  
135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor