

Converting Colors

CIELCh(79, 43.226, 337.516)

Have a look what the booklet for
CIELCh(79, 43.226, 337.516)
contains.

CIELCh(79, 42.816, 337.545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 42.816, 337.545)

Conversions

Conversions Part 1

Format	Color
Hex	FEA9E3
RGB	254, 169, 227
RGB Percent	100%, 66%, 89%
CMY	0.0043, 0.3376, 0.1102
CMYK	0.00, 0.33, 0.11, 0.00
HSL	319°, 97%, 83%
HSV	319°, 33%, 100%
XYZ	68.8525, 54.9284, 79.5703
YIQ	201.0270, 32.0420, 36.0580

Conversions

Conversions Part 2

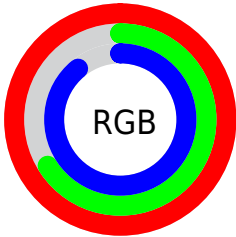
Format	Color
R_{YB}	254, 169, 227
Decimal	16689635
CIE Lab	79.00, 39.57, -16.35
CIE LCh	79, 42.816, 337.545
Yxy	54.9284, 0.3386, 0.2701
Android (android.graphics.Color)	4294879715 (0xFFFEA9E3)
YUV	201.0270, 12.8047, 46.4573
Hunter-Lab	74.1137, 36.1296, -11.7757

Details

The CIELCh color $79, 42.816, 337.545$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 42.264, 152.155$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $59, 43.208, 337.218$ is the 20% darker color. If you saturate the color by 10%, you get $74, 55.100, 338.443$, and if you desaturate by 10%, it is $85, 30.053, 336.717$.

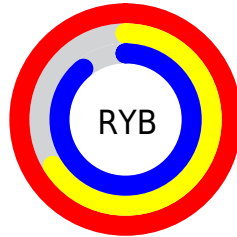
Distribution



Red (100%)

Green (66%)

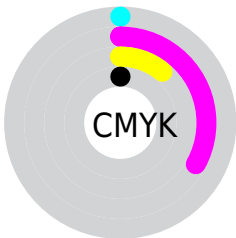
Blue (89%)



Red (100%)

Yellow (66%)

Blue (89%)

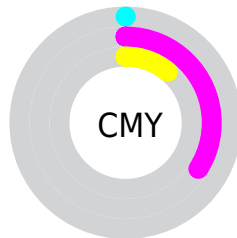


Cyan (0%)

Magenta (33%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 42.816, 337.545 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 79, 42.816, 337.545 by changing the saturation by 10% instead.

 79, 42.816,
337.545


 79, 42.816,
337.545


 100, 42.816,
337.545


 69, 42.816,
337.545


 99, 42.816,
337.545

 59, 42.816,
337.545

 49, 42.816,
337.545

 39, 42.816,
337.545

 29, 42.816,
337.545

 19, 42.816,
337.545

 9, 42.816, 337.545

■ 0, 42.816, 337.545

■ 79, 42.816,
337.545

■ 79, 42.816,
337.545

■ 74, 55.100,
338.443

■ 85, 30.053,
336.717

■ 69, 66.433,
339.431

■ 91, 17.168,
335.941

■ 64, 76.211,
340.546

■ 97, 4.393, 335.154

■ 61, 83.795,
341.838

■ 100, 0.385,
201.102

■ 58, 88.657,
343.381

■ 57, 90.610,
345.263

■ 56, 90.658,
346.682

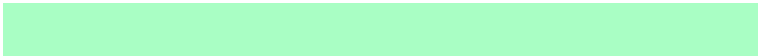
Harmonies

Complementary

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



79, 42.816, 337.545



93, 42.264, 152.155

Rectangle

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



79, 42.816, 337.545



79, 42.816, 27.545



79, 42.816, 157.545



79, 42.816, 207.545

Sweetspot

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



79, 42.813, 337.546



94, 12.754, 335.678



74, 46.979, 304.706



49, 8.711, 335.785



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 42.813, 337.546



76, 51.092, 338.123



78, 33.630, 8.430



50, 7.248, 335.641



42, 73.503, 346.264



11, 34.650, 343.444

Inverse Universe

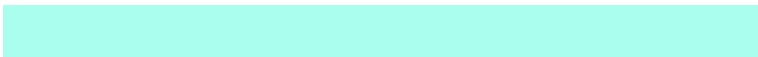
The Inverse Universe completely reimagines the original color for something new.



79, 42.813, 337.546



76, 51.092, 338.123



94, 28.950, 181.415



50, 7.248, 335.641



42, 73.503, 346.264



11, 34.650, 343.444

Previews

White Background



This preview shows how the CIELCh color 79, 42.816, 337.545 looks on a white background.

Color Contrast Check

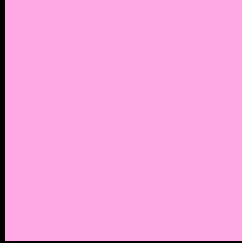
Large Text (above 18pt) WCAG AA × Fail

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 79, 42.816, 337.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

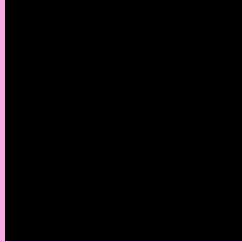
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.816, 337.545

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.816, 337.545.



This preview shows how white text looks on a background with the CIELCh color 79, 42.816, 337.545.

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
79, 28.706, 8.191

Trichromacy



Original Color
79, 42.816, 337.545



Protanomaly
79, 29.658, 308.528



Deuteranomaly
79, 25.785, 323.372

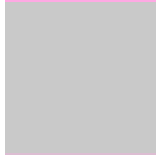


Tritanomaly
79, 32.922, 353.693

Monochromacy



Original Color
79, 42.816, 337.545



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 15.934, 336.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.816, 337.545 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, 169, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 169, 227)  
}
```

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, 169, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 169, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.816, 337.545 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, 169, 227) }
```

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

```
.border{ border-color:rgb(254, 169, 227) }
```

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

Here you see how a box with a 4 pixel rgb(254, 169, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 169, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 169, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 169,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.816, 337.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 169, 227) }
```

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

```
.background{ background-color: rgb(254,  
169, 227) }
```

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