

Converting Colors

CIELCh(79, 19.409, 316.878)

Have a look what the booklet for
CIELCh(79, 19.409, 316.878)
contains.

CIELCh(79, 19.039, 316.931)	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, 19.039, 316.931)

Conversions

Conversions Part 1

Format	Color
Hex	D3BCDC
RGB	211, 188, 220
RGB Percent	83%, 74%, 86%
CMY	0.1729, 0.2631, 0.1376
CMYK	0.04, 0.15, 0.00, 0.14
HSL	283°, 31%, 80%
HSV	283°, 15%, 86%
XYZ	57.7104, 54.9284, 75.2100
YIQ	198.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

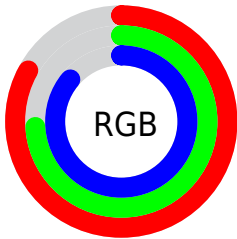
Format	Color
R_{YB}	211, 188, 220
Decimal	13876444
CIE _{Lab}	79.00, 13.91, -13.00
CIE _{LCh}	79, 19.039, 316.931
Yxy	54.9284, 0.3072, 0.2924
Android (android.graphics.Color)	4292066524 (0xFFD3BCDC)
YUV	198.5250, 10.5872, 10.9406
Hunter-Lab	74.1137, 9.2944, -8.2875

Details

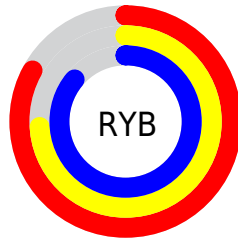
The CIELCh color **79, 19.039, 316.931** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 18.838, 135.681**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.851, 324.635**, and **59, 18.801, 316.483** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.384, 317.372**, and if you desaturate by 10%, it is **85, 5.894, 316.479**.

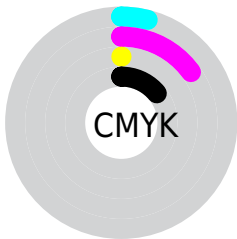
Distribution



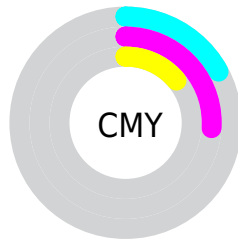
- Red (83%)
- Green (74%)
- Blue (86%)



- Red (83%)
- Yellow (74%)
- Blue (86%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)





- Cyan (17%)
- Magenta (26%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 19.039, 316.931 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, 19.039, 316.931 by changing the saturation by 10% instead.


 79, 19.039,
316.931


 79, 19.039,
316.931


 100, 19.039,
316.931


 69, 19.039,
316.931


 99, 19.039,
316.931

 59, 19.039,
316.931

 49, 19.039,
316.931

 39, 19.039,
316.931

 29, 19.039,
316.931

 19, 19.039,
316.931

 9, 19.039, 316.931

■ 0, 19.039, 316.931

■ 79, 19.039,
316.931

■ 79, 19.039,
316.931

■ 73, 32.384,
317.372

■ 85, 5.894, 316.479

■ 91, 6.954, 136.133

■ 67, 45.786,
317.806

■ 97, 19.463,
135.733

■ 62, 58.997,
318.207

■ 98, 19.183,
130.243

■ 57, 71.649,
318.544

■ 98, 18.443,
123.880

■ 52, 83.228,
318.769

■ 99, 17.955,
116.997

■ 48, 93.088,
318.827

■ 99, 17.748,

■ 45, 100.556,
318.653

109.766

■ 43, 105.166,
318.195

■ 99, 17.743,
108.836

■ 42, 106.779,
317.858

Harmonies

Complementary

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



79, 19.039, 316.931



85, 18.838, 135.681

Rectangle

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



79, 19.039, 316.931



79, 19.039, 6.931



79, 19.039, 136.931



79, 19.039, 186.931

Sweetspot

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



79, 19.037, 316.930



97, 5.842, 316.453



79, 12.557, 276.861



51, 4.154, 316.491



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, 19.037, 316.930



89, 25.142, 317.045



80, 17.732, 332.027



43, 7.374, 316.704



33, 89.355, 318.004



5, 32.960, 318.056

Inverse Universe

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



79, 12.877, 358.672



89, 17.055, 358.968



85, 17.663, 150.139



43, 4.959, 358.109



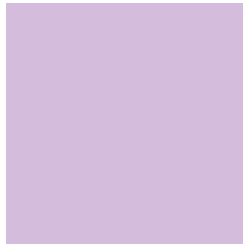
36, 66.175, 22.489



5, 23.855, 7.901

Previews

White Background



This preview shows how the CIELCh color 79, 19.039, 316.931 looks on a white background.

Color Contrast Check

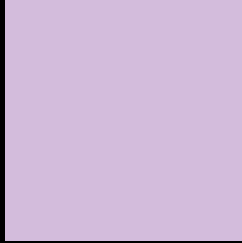
Large Text (above 18pt) WCAG AA × Fail

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, 19.039, 316.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

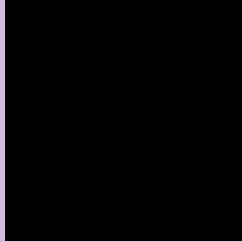
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 19.039, 316.931

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.039, 316.931.



This preview shows how white text looks on a background with the CIELCh color 79, 19.039, 316.931.

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

79, 19.039, 316.931

Protanopia

79, 16.048, 287.944

Deuteranopia

79, 15.727, 308.409



Tritanopia
79, 10.642, 331.437

Trichromacy



Original Color
79, 19.039, 316.931

Protanomaly
79, 16.753, 298.785

Deuteranomaly
79, 16.709, 312.579

Tritanomaly
79, 13.611, 324.969

Monochromacy



Original Color
79, 19.039, 316.931

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 7.227, 317.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.039, 316.931 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(211, 188, 220)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 220)  
}
```

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(211, 188, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.039, 316.931 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(211, 188, 220) }
```

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

```
.border{ border-color:rgb(211, 188, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 188, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 220);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.039, 316.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 220) }
```

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

```
.background{ background-color: rgb(211,  
188, 220) }
```

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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