

Converting Colors

CIELCh(79, 19.047, 319.114)

Have a look what the booklet for
CIELCh(79, 19.047, 319.114)
contains.

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Color

CIELCh(79, 18.721, 318.639)

Conversions

Conversions Part 1

Format	Color
Hex	D4BCDB
RGB	212, 188, 219
RGB Percent	83%, 74%, 86%
CMY	0.1696, 0.2637, 0.1421
CMYK	0.03, 0.14, 0.00, 0.14
HSL	286°, 30%, 80%
HSV	286°, 14%, 86%
XYZ	57.7688, 54.9284, 74.4083
YIQ	198.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

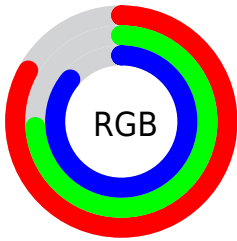
Format	Color
R _Y B	212, 188, 219
Decimal	13941979
CIE Lab	79.00, 14.05, -12.37
CIE LCh	79, 18.721, 318.639
Yxy	54.9284, 0.3087, 0.2936
Android (android.graphics.Color)	4292132059 (0xFFD4BCDB)
YUV	198.7100, 10.0030, 11.6553
Hunter-Lab	74.1137, 9.4350, -7.6461

Details

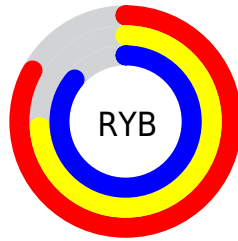
The CIELCh color **79, 18.721, 318.639** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 18.567, 137.383**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.851, 324.635**, and **59, 18.454, 318.301** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.154, 319.087**, and if you desaturate by 10%, it is **85, 5.458, 318.173**.

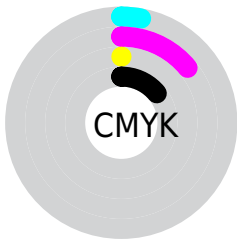
Distribution



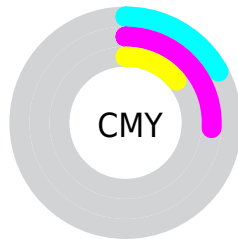
- Red (83%)
- Green (74%)
- Blue (86%)



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



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.721, 318.639 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, 18.721, 318.639 by changing the saturation by 10% instead.


 79, 18.721,
318.639

 79, 18.721,
318.639


 100, 18.721,
318.639


 69, 18.721,
318.639


 99, 18.721,
318.639

 59, 18.721,
318.639

 49, 18.721,
318.639

 39, 18.721,
318.639

 29, 18.721,
318.639

 19, 18.721,
318.639

 9, 18.721, 318.639

79, 18.721,
318.639

79, 18.721,
318.639

73, 32.154,
319.087

85, 5.458, 318.173

68, 45.593,
319.521

91, 7.528, 137.819

62, 58.773,
319.921

97, 20.181,
137.403

58, 71.307,
320.254

98, 20.331,
133.447

53, 82.675,
320.481

98, 19.622,
128.837

49, 92.253,
320.552

98, 19.051,
123.863

99, 18.635,

■ 47, 99.422,
320.417

118.573

■ 44, 103.787,
320.033

■ 99, 18.389,
113.045

■ 44, 105.350,
319.722

■ 99, 18.324,
108.791

Harmonies

Complementary

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



79, 18.721, 318.639



85, 18.567, 137.383

Rectangle

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



79, 18.721, 318.639



79, 18.721, 8.639



79, 18.721, 138.639



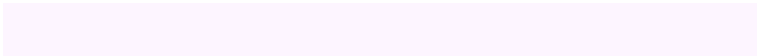
79, 18.721, 188.639

Sweetspot

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



79, 18.719, 318.638



97, 5.933, 318.166



79, 12.887, 280.146



51, 4.219, 318.205



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, 18.719, 318.638



89, 25.498, 318.773



79, 16.591, 333.900



43, 7.485, 318.424



34, 88.530, 319.844



5, 33.366, 320.148

Inverse Universe

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



79, 12.197, 2.651



89, 16.693, 2.993



85, 16.504, 151.990



43, 4.841, 2.129



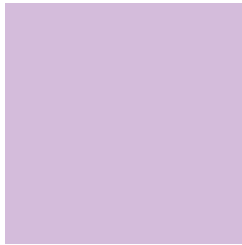
36, 68.301, 27.163



5, 23.767, 10.508

Previews

White Background



This preview shows how the CIELCh color 79, 18.721, 318.639 looks on a white background.

Color Contrast Check

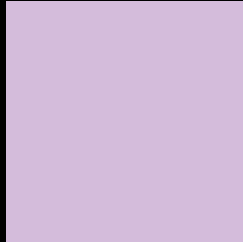
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 18.721, 318.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

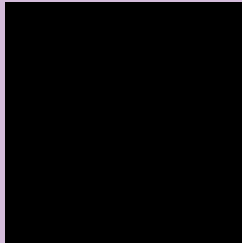
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 18.721, 318.639

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.721, 318.639.




This preview shows how white text looks on a background with the CIELCh color 79, 18.721, 318.639.

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, 10.885, 332.927

Trichromacy



Original Color
79, 18.721, 318.639

Protanomaly
79, 15.748, 300.471

Deuteranomaly
79, 16.855, 313.721

Tritanomaly
79, 13.816, 326.242

Monochromacy



Original Color
79, 18.721, 318.639

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, 18.721, 318.639 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(212, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(212, 188, 219)  
}
```

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(212, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 188, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.721, 318.639 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(212, 188, 219) }
```

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

```
.border{ border-color:rgb(212, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 188,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.721, 318.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 188, 219) }
```

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

```
.background{ background-color: rgb(212,  
188, 219) }
```

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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