

Converting Colors

CIELCh(79, 11.416, 312.869)

Have a look what the booklet for
CIELCh(79, 11.416, 312.869)
contains.

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Color

CIELCh(79, 11.586, 312.867)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFD3
RGB	203, 191, 211
RGB Percent	80%, 75%, 83%
CMY	0.2022, 0.2493, 0.1709
CMYK	0.04, 0.09, 0.00, 0.17
HSL	276°, 19%, 79%
HSV	276°, 9%, 83%
XYZ	55.2810, 54.9284, 69.6004
YIQ	196.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

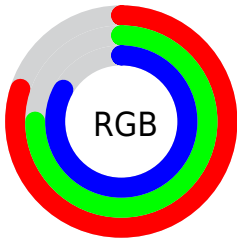
Format	Color
R _Y B	203, 191, 211
Decimal	13352915
CIE Lab	79.00, 7.88, -8.49
CIE LCh	79, 11.586, 312.867
Yxy	54.9284, 0.3074, 0.3055
Android (android.graphics.Color)	4291542995 (0xFFCBBFD3)
YUV	196.8680, 6.9671, 5.3778
Hunter-Lab	74.1137, 3.4431, -3.7998

Details

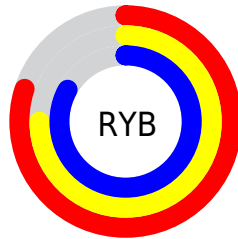
The CIELCh color **79, 11.586, 312.867** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 11.459, 132.098**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **59, 11.082, 313.315** is the 20% darker color. If you saturate the color by 10%, you get **73, 24.111, 313.317**, and if you desaturate by 10%, it is **85, 0.641, 132.707**.

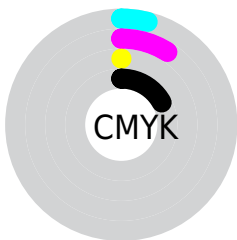
Distribution



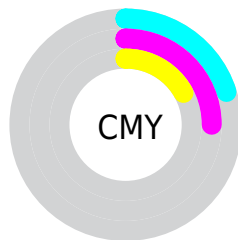
- Red (80%)
- Green (75%)
- Blue (83%)



- Red (80%)
- Yellow (75%)
- Blue (83%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)





- Cyan (20%)
- Magenta (25%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 11.586, 312.867 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, 11.586, 312.867 by changing the saturation by 10% instead.


 79, 11.586,
312.867


 79, 11.586,
312.867


 100, 11.586,
312.867


 69, 11.586,
312.867


 99, 11.586,
312.867

 59, 11.586,
312.867

 49, 11.586,
312.867

 39, 11.586,
312.867

 29, 11.586,
312.867

 19, 11.586,
312.867

 9, 11.586, 312.867

0, 11.586, 312.867

79, 11.586,
312.867

79, 11.586,
312.867

73, 24.111,
313.317

85, 0.641, 132.707

67, 36.864,
313.782

91, 12.526,
132.092

61, 49.706,
314.244

97, 24.061,
131.738

56, 62.401,
314.677

98, 23.044,
124.912

51, 74.575,
315.037

98, 22.314,
117.345

46, 85.681,
315.260

99, 22.014,
109.306

■ 42, 95.007,
315.267

■ 99, 22.009,
108.510

■ 39, 101.808,
314.968

■ 37, 105.925,
314.344

Harmonies

Complementary

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



79, 11.586, 312.867



83, 11.459, 132.098

Rectangle

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



79, 11.586, 312.867



79, 11.586, 2.867



79, 11.586, 132.867



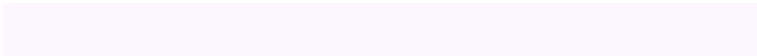
79, 11.586, 182.867

Sweetspot

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



79, 11.584, 312.865



98, 4.247, 312.565



80, 6.822, 265.182



52, 3.221, 312.607



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, 11.584, 312.865



92, 15.711, 312.939



80, 12.228, 327.289



41, 6.884, 312.862



28, 89.429, 314.483



3, 27.420, 311.539

Inverse Universe

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



79, 8.558, 350.219



93, 11.613, 350.387



83, 12.205, 146.222



41, 5.086, 350.213



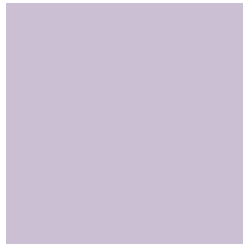
36, 62.084, 11.268



5, 20.996, 0.115

Previews

White Background



This preview shows how the CIELCh color 79, 11.586, 312.867 looks on a white background.

Color Contrast Check

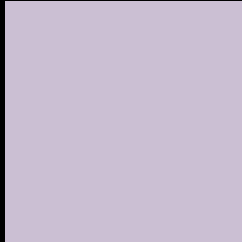
Large Text (above 18pt) WCAG AA × Fail

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, 11.586, 312.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

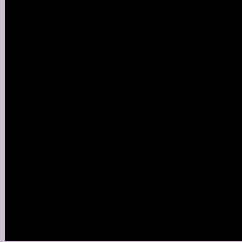
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

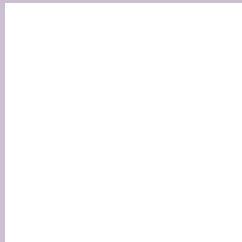
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 11.586, 312.867

Background



This preview shows how black text looks on a background with the CIELCh color 79, 11.586, 312.867.



This preview shows how white text looks on a background with the CIELCh color 79, 11.586, 312.867.

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, 11.586, 312.867

Protanopia

79, 10.160, 291.098

Deuteranopia

79, 13.317, 318.423



Tritanopia
79, 8.997, 317.062

Trichromacy



Original Color
79, 11.586, 312.867

Protanomaly
79, 10.287, 299.021

Deuteranomaly
79, 12.509, 316.584

Tritanomaly
79, 9.962, 314.353

Monochromacy



Original Color
79, 11.586, 312.867

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.034, 311.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 11.586, 312.867 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(203, 191, 211)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 211)  
}
```

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(203, 191, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 11.586, 312.867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

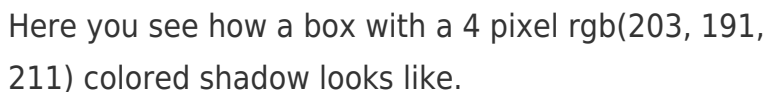
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 191, 211) }
```

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

```
.border{ border-color:rgb(203, 191, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 191, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 191, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 191, 211); box-shadow:4px 4px 4px 4px rgb(203, 191, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 11.586, 312.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 211) }
```

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

```
.background{ background-color: rgb(203,  
191, 211) }
```

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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