

Converting Colors

CIELCh(79, 12.851, 319.882)

Have a look what the booklet for
CIELCh(79, 12.851, 319.882)
contains.

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Color

CIELCh(79, 12.849, 319.520)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFBED3 |
| RGB | 207, 190, 211 |
| RGB Percent | 81%, 75%, 83% |
| CMY | 0.1874, 0.2541, 0.1717 |
| CMYK | 0.02, 0.10, 0.00, 0.17 |
| HSL | 289°, 19%, 79% |
| HSV | 289°, 10%, 83% |
| XYZ | 56.0359, 54.9284, 69.4182 |
| YIQ | 197.4770, 3.3910, 10.1350 |

Conversions

Conversions Part 2

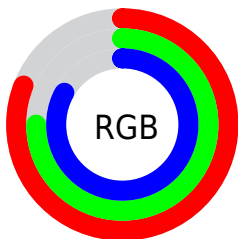
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 207, 190, 211 |
| Decimal | 13614803 |
| CIE _{Lab} | 79.00, 9.77, -8.34 |
| CIE _{LCh} | 79, 12.849, 319.520 |
| Yxy | 54.9284, 0.3107, 0.3045 |
| Android (android.graphics.Color) | 4291804883 (0xFFCFBED3) |
| YUV | 197.4770, 6.6668, 8.3517 |
| Hunter-Lab | 74.1137, 5.2615, -3.6541 |

Details

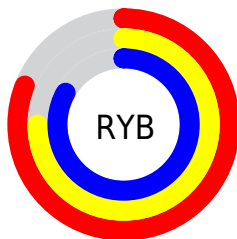
The CIELCh color $79, 12.849, 319.520$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 12.776, 138.647$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 5.604, 324.582$, and $59, 12.429, 320.586$ is the 20% darker color. If you saturate the color by 10%, you get $73, 25.957, 319.979$, and if you desaturate by 10%, it is $85, 0.064, 142.540$.

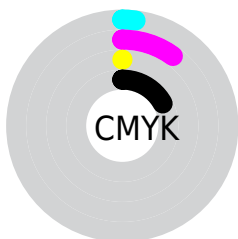
Distribution



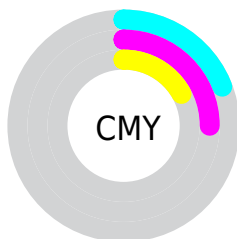
- Red (81%)
- Green (75%)
- Blue (83%)



- Red (81%)
- Yellow (75%)
- Blue (83%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)





- Cyan (19%)
- Magenta (25%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.849, 319.520 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, 12.849, 319.520 by changing the saturation by 10% instead.


 79, 12.849,
319.520


 79, 12.849,
319.520


 100, 12.849,
319.520


 69, 12.849,
319.520


 99, 12.849,
319.520

 59, 12.849,
319.520

 49, 12.849,
319.520

 39, 12.849,
319.520

 29, 12.849,
319.520

 19, 12.849,
319.520

 9, 12.849, 319.520

79, 12.849,
319.520

79, 12.849,
319.520

73, 25.957,
319.979

85, 0.064, 142.540

68, 39.123,
320.427

90, 12.687,
138.686

63, 52.115,
320.848

96, 24.976,
138.276

58, 64.597,
321.217

97, 25.125,
135.699

54, 76.111,
321.500

97, 24.470,
132.786

50, 86.089,
321.655

97, 23.880,
129.691

47, 93.935,
321.639

98, 23.363,
126.419

45, 99.185,
321.411

98, 22.927,
122.982

43, 102.039,
320.982

98, 22.578,
119.396

Harmonies

Complementary

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



79, 12.849, 319.520



83, 12.776, 138.647

Rectangle

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



79, 12.849, 319.520



79, 12.849, 9.520



79, 12.849, 139.520



79, 12.849, 189.520

Sweetspot

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



79, 12.847, 319.519



98, 4.493, 319.173



79, 9.078, 281.612



52, 3.407, 319.220



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, 12.847, 319.519



92, 18.098, 319.621



79, 11.020, 334.933



41, 7.268, 319.494



34, 86.139, 321.086



4, 29.414, 320.541

Inverse Universe

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



79, 8.130, 4.842



92, 11.499, 5.078



83, 10.963, 153.617



41, 4.595, 4.784



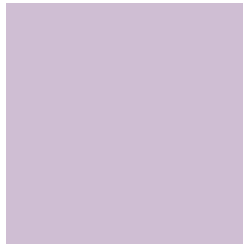
35, 68.255, 29.748



4, 20.193, 10.642

Previews

White Background



This preview shows how the CIELCh color 79, 12.849, 319.520 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, 12.849, 319.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

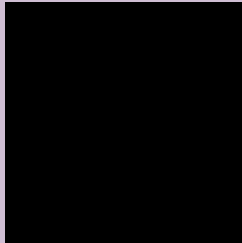
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.849, 319.520

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.849, 319.520.

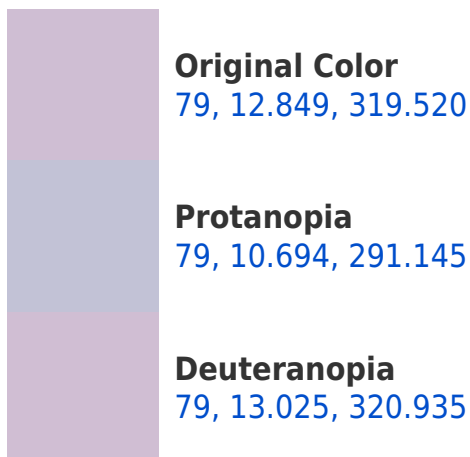



This preview shows how white text looks on a background with the CIELCh color 79, 12.849, 319.520.

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, 9.742, 324.812

Trichromacy



Original Color
79, 12.849, 319.520

Protanomaly
79, 10.939, 302.355

Deuteranomaly
79, 13.025, 320.935

Tritanomaly
79, 10.636, 321.580

Monochromacy



Original Color
79, 12.849, 319.520

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.824, 317.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.849, 319.520 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(207, 190, 211)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 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(207, 190, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.849, 319.520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

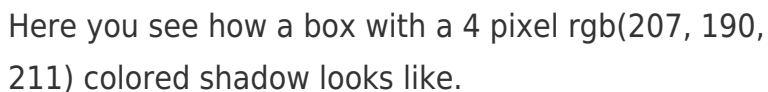
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 190, 211) }
```

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

```
.border{ border-color:rgb(207, 190, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 190, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 190, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 190, 211); box-shadow:4px 4px 4px 4px rgb(207, 190, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.849, 319.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 211) }
```

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

```
.background{ background-color: rgb(207,  
190, 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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