

Converting Colors

CIELCh(79, 36.501, 310.330)

Have a look what the booklet for
CIELCh(79, 36.501, 310.330)
contains.

CIELCh(79, 36.519, 310.081)	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, 36.519, 310.081)

Conversions

Conversions Part 1

Format	Color
Hex	D7B7F8
RGB	215, 183, 248
RGB Percent	84%, 72%, 97%
CMY	0.1579, 0.2833, 0.0285
CMYK	0.13, 0.26, 0.00, 0.03
HSL	270°, 82%, 84%
HSV	270°, 26%, 97%
XYZ	61.7278, 54.9284, 95.9345
YIQ	199.9780, -1.7930, 26.9990

Conversions

Conversions Part 2

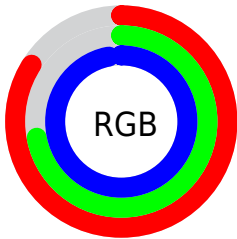
Format	Color
R _{YB}	215, 183, 248
Decimal	14137336
CIE _{Lab}	79.00, 23.51, -27.94
CIE _{LCh}	79, 36.519, 310.081
Y _{xy}	54.9284, 0.2904, 0.2584
Android (android.graphics.Color)	4292327416 (0xFFD7B7F8)
YUV	199.9780, 23.6748, 13.1743
Hunter-Lab	74.1137, 18.9701, -24.8668

Details

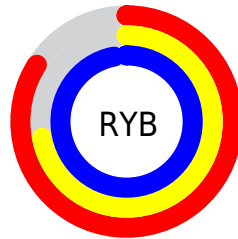
The CIELCh color $79, 36.519, 310.081$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $94, 35.180, 127.570$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $59, 36.220, 310.351$ is the 20% darker color. If you saturate the color by 10%, you get $72, 51.015, 310.634$, and if you desaturate by 10%, it is $86, 22.294, 309.554$.

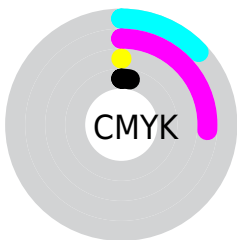
Distribution



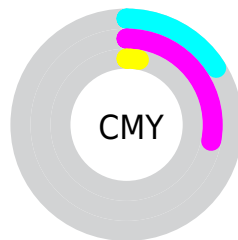
- Red (84%)
- Green (72%)
- Blue (97%)



- Red (84%)
- Yellow (72%)
- Blue (97%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)





- Cyan (16%)
- Magenta (28%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.519, 310.081 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, 36.519, 310.081 by changing the saturation by 10% instead.


 79, 36.519,
310.081


 79, 36.519,
310.081


 100, 36.519,
310.081


 69, 36.519,
310.081


 99, 36.519,
310.081


 59, 36.519,
310.081

 49, 36.519,
310.081

 39, 36.519,
310.081

 29, 36.519,
310.081

 19, 36.519,
310.081

 9, 36.519, 310.081

■ 0, 36.519, 310.081

■ 79, 36.519,
310.081

■ 79, 36.519,
310.081

■ 72, 51.015,
310.634

■ 86, 22.294,
309.554

■ 65, 65.606,
311.190

■ 93, 8.438, 309.061

■ 59, 79.964,
311.711

■ 100, 3.794,
123.462

■ 53, 93.552,
312.131

■ 100, 3.676,
109.882

■ 48, 105.564,
312.359

■ 43, 114.987,
312.276

■ 40,120.924,
311.771

■ 39,122.526,
311.517

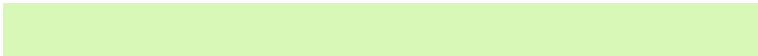
Harmonies

Complementary

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



79, 36.519, 310.081



94, 35.180, 127.570

Rectangle

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



79, 36.519, 310.081



79, 36.519, 0.081



79, 36.519, 130.081



79, 36.519, 180.081

Sweetspot

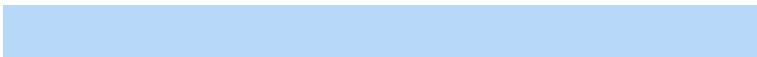
The Sweet Spot groups the original color and five complimentary colors.



79, 36.517, 310.081



94, 11.119, 309.147



85, 19.442, 257.572



49, 7.918, 309.220



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, 36.517, 310.081



78, 44.438, 310.345



82, 40.774, 325.404



48, 7.788, 309.219



29, 99.688, 311.706



6, 43.238, 312.463

Inverse Universe

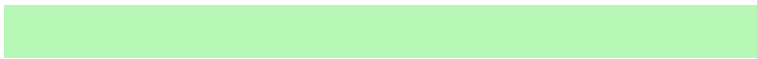
The Inverse Universe completely reimagines the original color for something new.



81, 29.355, 345.622



80, 35.577, 346.150



92, 40.733, 142.249



49, 6.310, 343.987



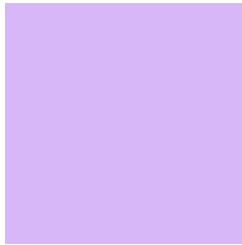
41, 67.661, 1.335



10, 31.139, 355.609

Previews

White Background



This preview shows how the CIELCh color 79, 36.519, 310.081 looks on a white background.

Color Contrast Check

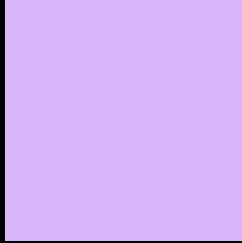
Large Text (above 18pt) WCAG AA × Fail

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, 36.519, 310.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

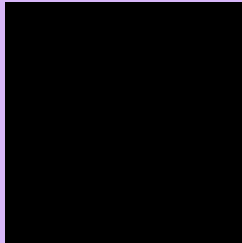
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.519, 310.081

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.519, 310.081.



This preview shows how white text looks on a background with the CIELCh color 79, 36.519, 310.081.

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, 36.519, 310.081

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 28.864, 290.800



Tritanopia
79, 10.170, 328.260

Trichromacy



Original Color
79, 36.519, 310.081

Protanomaly
79, 33.766, 294.780

Deuteranomaly
79, 31.245, 298.310

Tritanomaly
79, 19.374, 315.289

Monochromacy



Original Color
79, 36.519, 310.081

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 12.934, 308.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.519, 310.081 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(215, 183, 248)` looks like.

```
.text, #text, p{  
    color:rgb(215, 183, 248)  
}
```

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(215, 183, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 183, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.519, 310.081 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(215, 183, 248) }
```

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

```
.border{ border-color:rgb(215, 183, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 183, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 183, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 183, 248);  
box-shadow:4px 4px 4px 4px rgb(215, 183,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.519, 310.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 183, 248) }
```

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

```
.background{ background-color: rgb(215,  
183, 248) }
```

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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