

Converting Colors

CIELCh(79, 42.762, 312.092)

Have a look what the booklet for
CIELCh(79, 42.762, 312.092)
contains.

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Color

CIELCh(79, 43.081, 312.268)

Conversions

Conversions Part 1

Format	Color
Hex	DDB3FF
RGB	221, 179, 255
RGB Percent	87%, 70%, 100%
CMY	0.1327, 0.2974, 0.0000
CMYK	0.13, 0.30, 0.00, 0.00
HSL	273°, 100%, 85%
HSV	273°, 30%, 100%
XYZ	64.0937, 54.9284, 101.9683
YIQ	200.2220, 0.6360, 32.5400

Conversions

Conversions Part 2

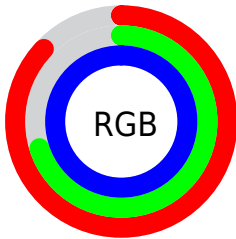
Format	Color
R _Y B	221, 179, 255
Decimal	14529535
CIE Lab	79.00, 28.98, -31.88
CIE LCh	79, 43.081, 312.268
Yxy	54.9284, 0.2900, 0.2486
Android (android.graphics.Color)	4292719615 (0xFFDDB3FF)
YUV	200.2220, 27.0056, 18.2223
Hunter-Lab	74.1137, 24.6683, -29.6937

Details

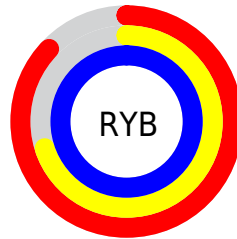
The CIELCh color **79, 43.081, 312.268** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **96, 41.450, 129.556**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 12.482, 324.851**, and **59, 42.965, 312.216** is the 20% darker color. If you saturate the color by 10%, you get **72, 57.924, 312.804**, and if you desaturate by 10%, it is **86, 28.224, 311.810**.

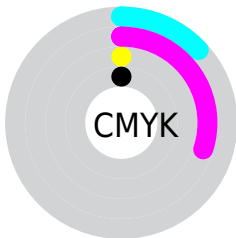
Distribution



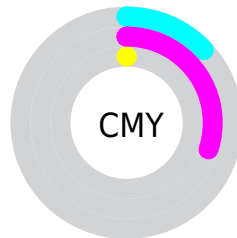
- Red (87%)
- Green (70%)
- Blue (100%)



- Red (87%)
- Yellow (70%)
- Blue (100%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 43.081, 312.268 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, 43.081, 312.268 by changing the saturation by 10% instead.

 79, 43.081,
312.268

 79, 43.081,
312.268

 100, 43.081,
312.268

 69, 43.081,
312.268

 99, 43.081,
312.268

 59, 43.081,
312.268

 49, 43.081,
312.268

 39, 43.081,
312.268

 29, 43.081,
312.268

 19, 43.081,
312.268

 9, 43.081, 312.268

■ 0, 43.081, 312.268

■ 79, 43.081,
312.268

■ 79, 43.081,
312.268

■ 72, 57.924,
312.804

■ 86, 28.224,
311.810

■ 66, 72.737,
313.280

■ 93, 13.750,
311.337

■ 59, 87.000,
313.685

100, 0.012,
296.813

■ 54, 100.053,
313.949

■ 49, 111.009,
313.979

■ 45, 118.918,
313.670

■ 43,123.480,
312.988

■ 43,123.581,
312.970

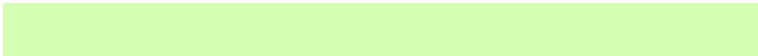
Harmonies

Complementary

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



79, 43.081, 312.268



96, 41.450, 129.556

Rectangle

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



79, 43.081, 312.268



79, 43.081, 2.268



79, 43.081, 132.268



79, 43.081, 182.268

Sweetspot

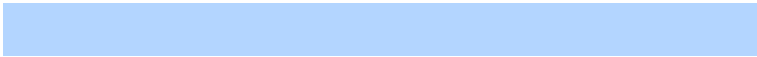
The Sweet Spot groups the original color and five complimentary colors.



79, 42.999, 312.304



94, 12.689, 311.303



84, 24.112, 265.431



49, 8.835, 311.370



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, 42.999, 312.304



75, 52.334, 312.618



82, 45.920, 327.487



49, 8.021, 311.326



31, 99.372, 313.164



7, 44.810, 314.372

Inverse Universe

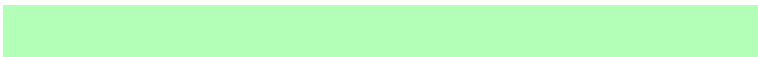
The Inverse Universe completely reimagines the original color for something new.



81, 32.925, 349.629



77, 39.932, 350.426



94, 45.913, 143.676



50, 6.162, 347.452



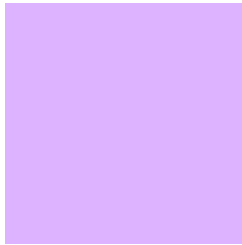
41, 68.003, 7.311



10, 31.467, 0.904

Previews

White Background



This preview shows how the CIELCh color 79, 43.081, 312.268 looks on a white background.

Color Contrast Check

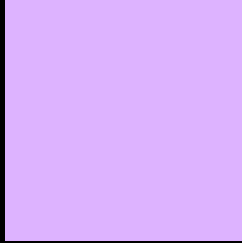
Large Text (above 18pt) WCAG AA × Fail

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, 43.081, 312.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

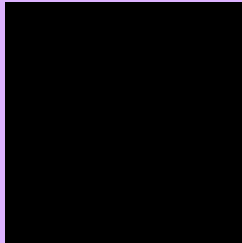
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.081, 312.268

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.081, 312.268.



This preview shows how white text looks on a background with the CIELCh color 79, 43.081, 312.268.

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, 11.935, 338.289

Trichromacy



Original Color
79, 43.081, 312.268



Protanomaly
79, 35.388, 295.855



Deuteranomaly
79, 35.604, 298.982

Tritanomaly
79, 23.177, 320.039

Monochromacy



Original Color
79, 43.081, 312.268



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 16.056, 312.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.081, 312.268 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(221, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 255)  
}
```

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(221, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.081, 312.268 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(221, 179, 255) }
```

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

```
.border{ border-color:rgb(221, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 179,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.081, 312.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 255) }
```

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

```
.background{ background-color: rgb(221,  
179, 255) }
```

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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