

Converting Colors

CIELCh(82, 79.274, 301.451)

Have a look what the booklet for
CIELCh(82, 79.274, 301.451)
contains.

CIELCh(79, 39.556, 305.323)	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, 39.556, 305.323)

Conversions

Conversions Part 1

Format	Color
Hex	D1B8FF
RGB	209, 184, 255
RGB Percent	82%, 72%, 100%
CMY	0.1815, 0.2797, 0.0000
CMYK	0.18, 0.28, 0.00, 0.00
HSL	261°, 100%, 86%
HSV	261°, 28%, 100%
XYZ	61.4533, 54.9284, 102.5850
YIQ	199.5690, -7.8910, 27.3810

Conversions

Conversions Part 2

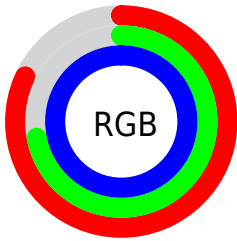
Format	Color
R _Y B	209, 184, 255
Decimal	13744383
CIE Lab	79.00, 22.87, -32.27
CIE LCh	79, 39.556, 305.323
Yxy	54.9284, 0.2807, 0.2509
Android (android.graphics.Color)	4291934463 (0xFFD1B8FF)
YUV	199.5690, 27.3275, 8.2710
Hunter-Lab	74.1137, 18.3090, -30.1871

Details

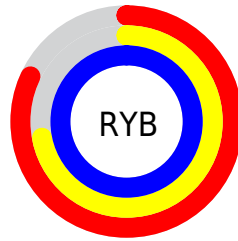
The CIELCh color `79, 39.556, 305.323` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 37.180, 122.178`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 9.351, 324.734`, and `59, 38.901, 305.572` is the 20% darker color. If you saturate the color by 10%, you get `72, 54.004, 306.178`, and if you desaturate by 10%, it is `86, 24.757, 304.742`.

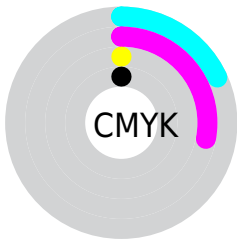
Distribution



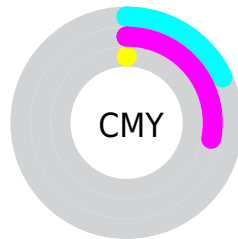
- Red (82%)
- Green (72%)
- Blue (100%)



- Red (82%)
- Yellow (72%)
- Blue (100%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.556, 305.323 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, 39.556, 305.323 by changing the saturation by 10% instead.


 79, 39.556,
305.323

 79, 39.556,
305.323


 100, 39.556,
305.323


 69, 39.556,
305.323


 99, 39.556,
305.323

 59, 39.556,
305.323

 49, 39.556,
305.323

 39, 39.556,
305.323

 29, 39.556,
305.323

 19, 39.556,
305.323

 9, 39.556, 305.323

■ 0, 39.556, 305.323

■ 79, 39.556,
305.323

■ 79, 39.556,
305.323

■ 72, 54.004,
306.178

■ 86, 24.757,
304.742

■ 64, 69.093,
306.975

■ 94, 10.795,
304.127

■ 57, 84.152,
307.777

100, 0.012,
296.813

■ 51, 98.627,
308.508

■ 45, 111.591,
309.049

■ 40, 121.755,
309.236

■ 37,127.986,
308.934

■ 37,128.981,
308.855

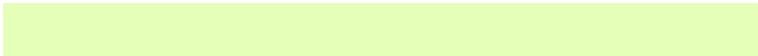
Harmonies

Complementary

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



79, 39.556, 305.323



97, 37.180, 122.178

Rectangle

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



79, 39.556, 305.323



79, 39.556, 355.323



79, 39.556, 125.323



79, 39.556, 175.323

Sweetspot

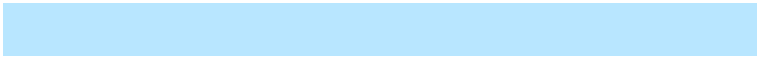
The Sweet Spot groups the original color and five complimentary colors.



79, 39.179, 305.427



94, 10.841, 304.129



89, 19.366, 241.126



49, 7.723, 304.218



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, 39.179, 305.427



74, 48.082, 305.873



82, 42.980, 321.583



49, 7.723, 304.218



27, 103.668, 309.025



5, 44.837, 308.940

Inverse Universe

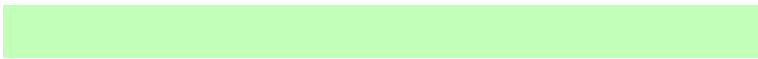
The Inverse Universe completely reimagines the original color for something new.



82, 35.142, 338.582



79, 42.671, 339.122



95, 42.587, 138.715



50, 7.079, 337.074



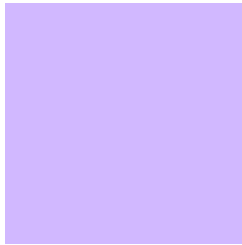
42, 72.099, 348.874



11, 34.002, 345.588

Previews

White Background



This preview shows how the CIELCh color 79, 39.556, 305.323 looks on a white background.

Color Contrast Check

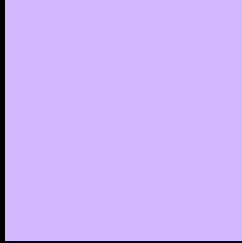
Large Text (above 18pt) WCAG AA × Fail

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, 39.556, 305.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

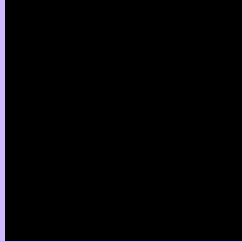
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.556, 305.323

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.556, 305.323.

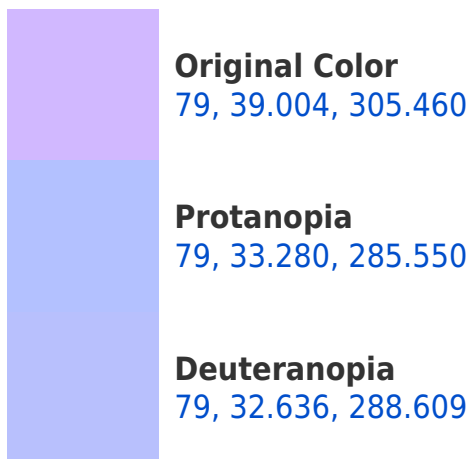



This preview shows how white text looks on a background with the CIELCh color 79, 39.556, 305.323.

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, 8.559, 310.519

Trichromacy



Original Color
79, 39.004, 305.460

Protanomaly
79, 34.771, 293.234

Deuteranomaly
79, 34.842, 295.333

Tritanomaly
79, 19.426, 306.315

Monochromacy



Original Color
79, 39.004, 305.460

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 14.383, 305.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.556, 305.323 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(209, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 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(209, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.556, 305.323 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(209, 184, 255) }
```

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

```
.border{ border-color:rgb(209, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 184,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.556, 305.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 255) }
```

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

```
.background{ background-color: rgb(209,  
184, 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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