

Converting Colors

CIELCh(79, 36.643, 300.034)

Have a look what the booklet for
CIELCh(79, 36.643, 300.034)
contains.

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Color

CIELCh(79, 36.728, 299.881)

Conversions

Conversions Part 1

Format	Color
Hex	C8BBFF
RGB	200, 187, 255
RGB Percent	78%, 73%, 100%
CMY	0.2164, 0.2673, 0.0007
CMYK	0.22, 0.27, 0.00, 0.00
HSL	251°, 99%, 87%
HSV	251°, 27%, 100%
XYZ	59.5240, 54.9284, 101.9139
YIQ	198.6390, -14.0800, 23.9040

Conversions

Conversions Part 2

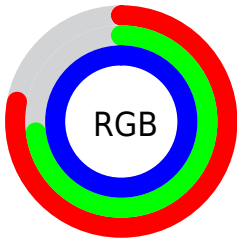
Format	Color
R _Y B	200, 187, 255
Decimal	13155327
CIE Lab	79.00, 18.30, -31.85
CIE LCh	79, 36.728, 299.881
Yxy	54.9284, 0.2751, 0.2539
Android (android.graphics.Color)	4291345407 (0xFFC8BBFF)
YUV	198.6390, 27.7860, 1.1936
Hunter-Lab	74.1137, 13.6622, -29.6502

Details

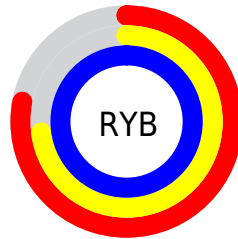
The CIELCh color `79, 36.728, 299.881` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 34.592, 115.777`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 7.476, 324.660`, and `59, 36.580, 299.782` is the 20% darker color. If you saturate the color by 10%, you get `71, 51.471, 300.950`, and if you desaturate by 10%, it is `87, 22.518, 298.943`.

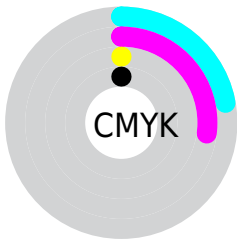
Distribution



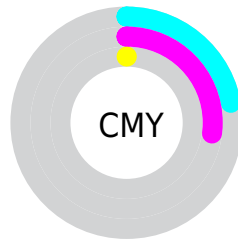
- Red (78%)
- Green (73%)
- Blue (100%)



- Red (78%)
- Yellow (73%)
- Blue (100%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (27%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.728, 299.881 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, 36.728, 299.881 by changing the saturation by 10% instead.


 79, 36.728,
299.881


 79, 36.728,
299.881


 100, 36.728,
299.881


 69, 36.728,
299.881


 99, 36.728,
299.881

 59, 36.728,
299.881

 49, 36.728,
299.881

 39, 36.728,
299.881

 29, 36.728,
299.881

 19, 36.728,
299.881

 9, 36.728, 299.881

0, 36.728, 299.881

79, 36.728,
299.881

79, 36.728,
299.881

71, 51.471,
300.950

87, 22.518,
298.943

63, 66.690,
302.145

95, 8.851, 298.130

56, 82.191,
303.436

100, 0.083,
109.245

49, 97.514,
304.747

43, 111.728,
305.931

38, 123.295,
306.771

■ 34, 130.477,
307.038

■ 34, 132.117,
307.061

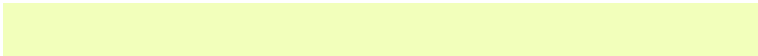
Harmonies

Complementary

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



79, 36.728, 299.881



98, 34.592, 115.777

Rectangle

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



79, 36.728, 299.881



79, 36.728, 349.881



79, 36.728, 119.881



79, 36.728, 169.881

Sweetspot

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



79, 36.726, 299.881



94, 10.630, 298.231



92, 18.829, 218.500



49, 7.576, 298.348



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, 36.726, 299.881



75, 44.532, 300.433



82, 39.417, 316.354



49, 7.576, 298.348



24, 106.299, 307.169



4, 44.540, 305.376

Inverse Universe

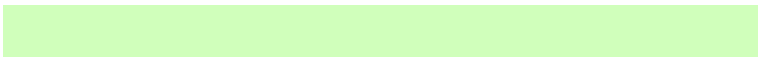
The Inverse Universe completely reimagines the original color for something new.



83, 37.404, 331.924



80, 44.811, 332.286



95, 38.577, 133.949



50, 7.932, 330.785



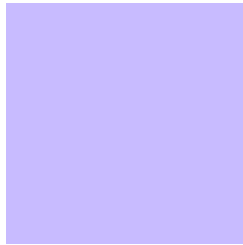
43, 80.209, 337.649



11, 37.547, 336.302

Previews

White Background



This preview shows how the CIELCh color 79, 36.728, 299.881 looks on a white background.

Color Contrast Check

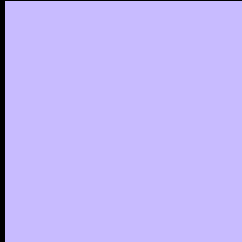
Large Text (above 18pt) WCAG AA × Fail

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, 36.728, 299.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

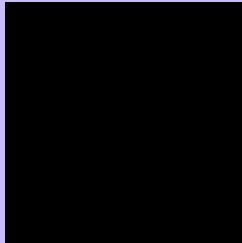
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.728, 299.881

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.728, 299.881.

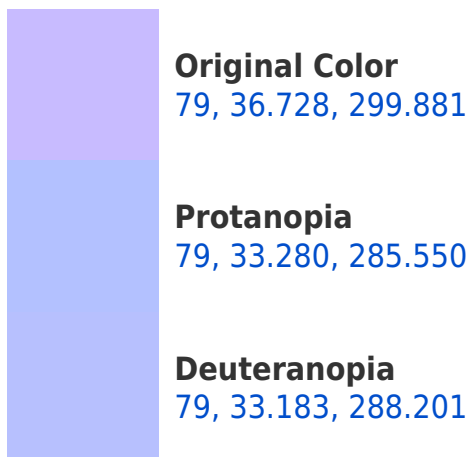


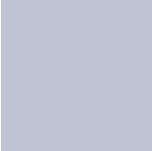
This preview shows how white text looks on a background with the CIELCh color 79, 36.728, 299.881.

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, 8.597, 283.873

Trichromacy



Original Color
79, 36.728, 299.881

Protanomaly
79, 34.211, 291.072

Deuteranomaly
79, 34.237, 292.662

Tritanomaly
79, 18.777, 294.984

Monochromacy



Original Color
79, 36.728, 299.881

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.501, 298.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.728, 299.881 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(200, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 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(200, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.728, 299.881 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(200, 187, 255) }
```

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

```
.border{ border-color:rgb(200, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 187,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.728, 299.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 255) }
```

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

```
.background{ background-color: rgb(200,  
187, 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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