

Converting Colors

CIELCh(79, 73.077, 299.278)

Have a look what the booklet for
CIELCh(79, 73.077, 299.278)
contains.

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Color

CIELCh(76, 41.885, 300.364)

Conversions

Conversions Part 1

Format	Color
Hex	C0B1FE
RGB	192, 177, 254
RGB Percent	75%, 69%, 100%
CMY	0.2466, 0.3053, 0.0036
CMYK	0.24, 0.30, 0.00, 0.00
HSL	252°, 98%, 85%
HSV	252°, 30%, 100%
XYZ	55.4239, 49.8872, 100.5477
YIQ	190.2630, -15.7770, 27.1270

Conversions

Conversions Part 2

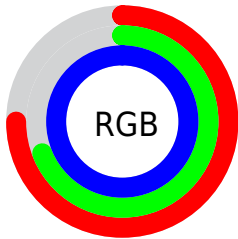
Format	Color
R_{YB}	192, 177, 254
Decimal	12628478
CIE _{Lab}	76.00, 21.17, -36.14
CIE _{LCh}	76, 41.885, 300.364
Yxy	49.8872, 0.2692, 0.2423
Android (android.graphics.Color)	4290818558 (0xFFC0B1FE)
YUV	190.2630, 31.4223, 1.5233
Hunter-Lab	70.6309, 16.4646, -34.9615

Details

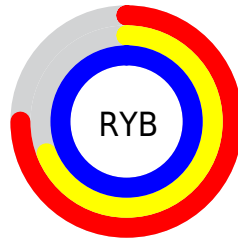
The CIELCh color `76, 41.885, 300.364` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 39.093, 115.669`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 12.685, 316.940`, and `56, 42.155, 300.515` is the 20% darker color. If you saturate the color by 10%, you get `68, 56.775, 301.471`, and if you desaturate by 10%, it is `84, 27.512, 299.387`.

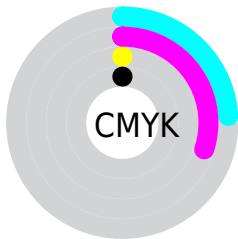
Distribution



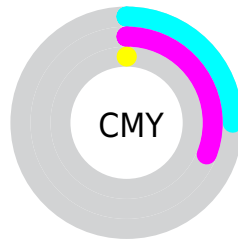
- Red (75%)
- Green (69%)
- Blue (100%)



- Red (75%)
- Yellow (69%)
- Blue (100%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 41.885, 300.364 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 76, 41.885, 300.364 by changing the saturation by 10% instead.


 76, 41.885,
300.364


 76, 41.885,
300.364


 100, 41.885,
300.364


 66, 41.885,
300.364


 96, 41.885,
300.364

 56, 41.885,
300.364

 46, 41.885,
300.364

 36, 41.885,
300.364

 26, 41.885,
300.364

 16, 41.885,
300.364

 6, 41.885, 300.364

■ 0, 41.885, 300.364

■ 76, 41.885,
300.364

■ 76, 41.885,
300.364

■ 68, 56.775,
301.471

■ 84, 27.512,
299.387

■ 61, 72.088,
302.695

■ 92, 13.680,
298.536

■ 53, 87.551,
303.992

■ 99, 0.375, 297.773

■ 46, 102.564,
305.263

■ 100, 0.451,
109.973

■ 41, 115.985,
306.337

■ 36, 126.119,
306.978

■ 34, 131.779,
307.088

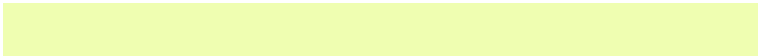
Harmonies

Complementary

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



76, 41.885, 300.364



97, 39.093, 115.669

Rectangle

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



76, 41.885, 300.364



76, 41.885, 350.364



76, 41.885, 120.364



76, 41.885, 170.364

Sweetspot

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



76, 41.883, 300.364



93, 11.985, 298.436



91, 21.034, 218.716



48, 8.351, 298.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 41.883, 300.364



72, 50.491, 300.982



79, 44.729, 316.514



49, 7.578, 298.475



24, 106.256, 307.197



4, 44.547, 305.442

Inverse Universe

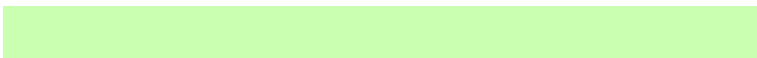
The Inverse Universe completely reimagines the original color for something new.



81, 42.211, 332.293



78, 50.157, 332.689



95, 43.649, 133.756



50, 7.913, 330.905



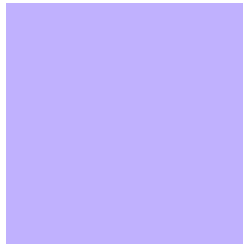
43, 80.003, 337.855



11, 37.461, 336.475

Previews

White Background



This preview shows how the CIELCh color 76, 41.885, 300.364 looks on a white background.

Color Contrast Check

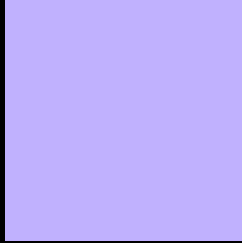
Large Text (above 18pt) WCAG AA × Fail

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 76, 41.885, 300.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

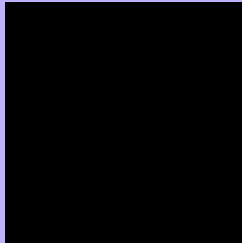
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 41.885, 300.364

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.885, 300.364.



This preview shows how white text looks on a background with the CIELCh color 76, 41.885, 300.364.

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
76, 41.925, 300.375

Protanopia
76, 37.883, 285.284

Deuteranopia
76, 36.764, 285.822



Tritanopia
76, 8.241, 278.481

Trichromacy



Original Color
76, 41.925, 300.375

Protanomaly
76, 39.331, 291.037

Deuteranomaly
76, 38.256, 291.314

Tritanomaly
76, 20.557, 294.925

Monochromacy



Original Color
76, 41.925, 300.375

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 15.269, 299.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.885, 300.364 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(192, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 177, 254)  
}
```

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(192, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 177, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.885, 300.364 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(192, 177, 254) }
```

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

```
.border{ border-color:rgb(192, 177, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 177, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 177, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 177,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.885, 300.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 177, 254) }
```

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

```
.background{ background-color: rgb(192,  
177, 254) }
```

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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