

Converting Colors

CIELCh(76, 45.329, 305.325)

Have a look what the booklet for
CIELCh(76, 45.329, 305.325)
contains.

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Color

CIELCh(76, 44.687, 305.122)

Conversions

Conversions Part 1

Format	Color
Hex	C9AEFF
RGB	201, 174, 255
RGB Percent	79%, 68%, 100%
CMY	0.2119, 0.3178, 0.0002
CMYK	0.21, 0.32, 0.00, 0.00
HSL	260°, 100%, 84%
HSV	260°, 32%, 100%
XYZ	57.2495, 49.8872, 101.1857
YIQ	191.3070, -9.9090, 30.9150

Conversions

Conversions Part 2

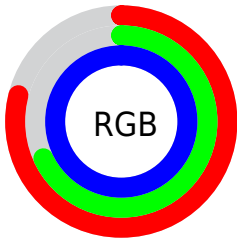
Format	Color
R _Y B	201, 174, 255
Decimal	13217535
CIE Lab	76.00, 25.71, -36.55
CIE LCh	76, 44.687, 305.122
Yxy	49.8872, 0.2748, 0.2395
Android (android.graphics.Color)	4291407615 (0xFFC9AEFF)
YUV	191.3070, 31.4006, 8.5008
Hunter-Lab	70.6309, 21.0780, -35.4971

Details

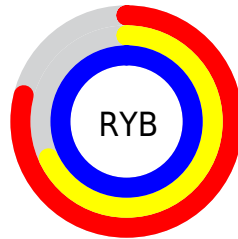
The CIELCh color $76, 44.687, 305.122$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $96, 41.995, 121.275$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $56, 44.971, 305.365$ is the 20% darker color. If you saturate the color by 10%, you get $69, 59.637, 305.927$, and if you desaturate by 10%, it is $84, 30.115, 304.384$.

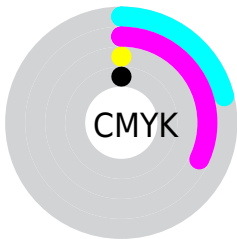
Distribution



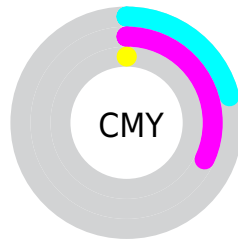
- Red (79%)
- Green (68%)
- Blue (100%)



- Red (79%)
- Yellow (68%)
- Blue (100%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 44.687, 305.122 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, 44.687, 305.122 by changing the saturation by 10% instead.

 76, 44.687,
305.122

 76, 44.687,
305.122

 100, 44.687,
305.122

 66, 44.687,
305.122

 96, 44.687,
305.122

 56, 44.687,
305.122

 46, 44.687,
305.122

 36, 44.687,
305.122

 26, 44.687,
305.122

 16, 44.687,
305.122

 6, 44.687, 305.122

■ 0, 44.687, 305.122

■ 76, 44.687,
305.122

■ 76, 44.687,
305.122

■ 69, 59.637,
305.927

■ 84, 30.115,
304.384

■ 61, 74.791,
306.773

■ 91, 16.003,
303.722

■ 54, 89.778,
307.608

■ 99, 2.371, 303.113

■ 48, 103.916,
308.339

100, 0.008,
100.929

■ 43, 116.109,
308.823

■ 39, 124.966,
308.885

■ 36,129.386,
308.597

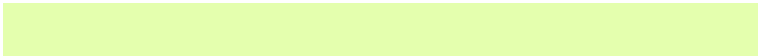
Harmonies

Complementary

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



76, 44.687, 305.122



96, 41.995, 121.275

Rectangle

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



76, 44.687, 305.122



76, 44.687, 355.122



76, 44.687, 125.122



76, 44.687, 175.122

Sweetspot

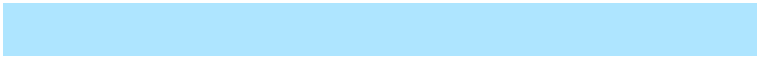
The Sweet Spot groups the original color and five complimentary colors.



76, 44.685, 305.122



92, 13.561, 303.612



88, 21.560, 237.154



48, 9.274, 303.699



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, 44.685, 305.122



71, 53.975, 305.617



80, 48.444, 320.740



49, 7.703, 303.582



26, 104.007, 308.762



5, 44.811, 308.506

Inverse Universe

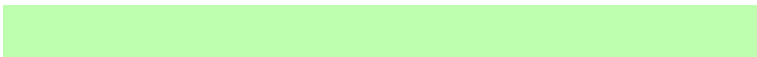
The Inverse Universe completely reimagines the original color for something new.



80, 40.367, 338.108



77, 48.127, 338.666



94, 47.822, 137.555



50, 7.168, 336.308



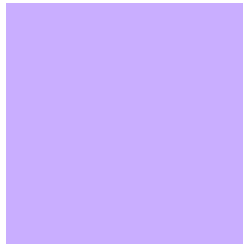
42, 72.819, 347.478



11, 34.337, 344.441

Previews

White Background



This preview shows how the CIELCh color 76, 44.687, 305.122 looks on a white background.

Color Contrast Check

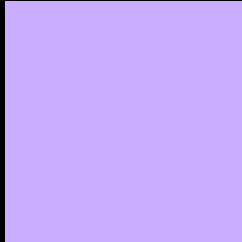
Large Text (above 18pt) WCAG AA × Fail

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, 44.687, 305.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

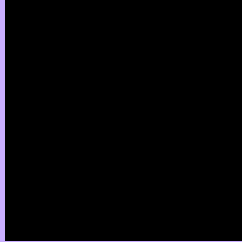
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 44.687, 305.122

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.687, 305.122.



This preview shows how white text looks on a background with the CIELCh color 76, 44.687, 305.122.

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, 44.687, 305.122

Protanopia

76, 37.883, 285.284

Deuteranopia

76, 36.764, 285.822



Tritanopia
76, 7.885, 306.859

Trichromacy



Original Color
76, 44.687, 305.122

Protanomaly
76, 39.884, 292.887

Deuteranomaly
76, 39.353, 293.723

Tritanomaly
76, 21.158, 305.311

Monochromacy



Original Color
76, 44.687, 305.122

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 16.060, 304.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.687, 305.122 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(201, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 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(201, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.687, 305.122 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(201, 174, 255) }
```

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

```
.border{ border-color:rgb(201, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.687, 305.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 255) }
```

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

```
.background{ background-color: rgb(201,  
174, 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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