

Converting Colors

CIELCh(78, 35.456, 303.441)

Have a look what the booklet for
CIELCh(78, 35.456, 303.441)
contains.

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Color

CIELCh(78, 35.564, 303.297)

Conversions

Conversions Part 1

Format	Color
Hex	CAB7F8
RGB	202, 183, 248
RGB Percent	79%, 72%, 97%
CMY	0.2078, 0.2823, 0.0274
CMYK	0.19, 0.26, 0.00, 0.03
HSL	258°, 82%, 85%
HSV	258°, 26%, 97%
XYZ	58.2457, 53.2120, 96.0239
YIQ	196.0910, -9.5410, 24.2430

Conversions

Conversions Part 2

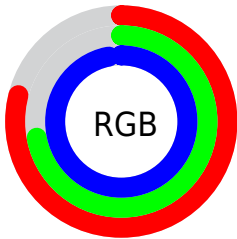
Format	Color
R _Y B	202, 183, 248
Decimal	13285368
CIE Lab	78.00, 19.52, -29.73
CIE LCh	78, 35.564, 303.297
Yxy	53.2120, 0.2807, 0.2565
Android (android.graphics.Color)	4291475448 (0xFFCAB7F8)
YUV	196.0910, 25.5911, 5.1822
Hunter-Lab	72.9466, 14.8706, -26.9844

Details

The CIELCh color `78, 35.564, 303.297` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 33.734, 119.960`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 9.976, 324.758`, and `58, 35.330, 303.273` is the 20% darker color. If you saturate the color by 10%, you get `71, 49.976, 304.139`, and if you desaturate by 10%, it is `85, 21.605, 302.542`.

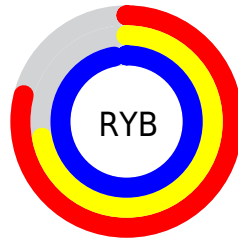
Distribution



Red (79%)

Green (72%)

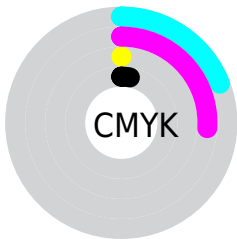
Blue (97%)



Red (79%)

Yellow (72%)

Blue (97%)

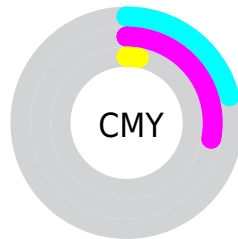


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (21%)


Magenta (28%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.564, 303.297 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 78, 35.564, 303.297 by changing the saturation by 10% instead.


 78, 35.564,
303.297


 78, 35.564,
303.297


 100, 35.564,
303.297


 68, 35.564,
303.297


 98, 35.564,
303.297

 58, 35.564,
303.297

 48, 35.564,
303.297

 38, 35.564,
303.297

 28, 35.564,
303.297

 18, 35.564,
303.297

 8, 35.564, 303.297

■ 0, 35.564, 303.297

■ 78, 35.564,
303.297

■ 78, 35.564,
303.297

■ 71, 49.976,
304.139

■ 85, 21.605,
302.542

■ 63, 64.751,
305.058

■ 93, 8.131, 301.874

■ 56, 79.664,
306.018

■ 100, 3.531,
111.733

■ 49, 94.254,
306.951

■ 100, 3.528,
109.893

■ 44, 107.675,
307.737

■ 39, 118.633,
308.201

■ 35,125.702,
308.159

■ 34,127.594,
308.068

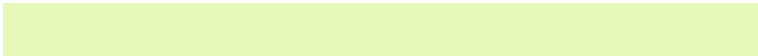
Harmonies

Complementary

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



78, 35.564, 303.297



95, 33.734, 119.960

Rectangle

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



78, 35.564, 303.297



78, 35.564, 353.297



78, 35.564, 123.297



78, 35.564, 173.297

Sweetspot

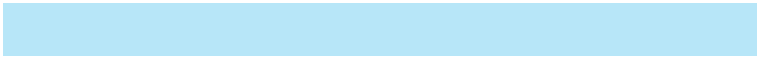
The Sweet Spot groups the original color and five complimentary colors.



78, 35.562, 303.296



94, 10.751, 301.989



89, 17.623, 231.795



49, 7.660, 302.087



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 35.562, 303.296



76, 43.386, 303.694



81, 38.733, 319.469



48, 7.534, 302.085



25, 103.705, 308.215



4, 42.813, 307.051

Inverse Universe

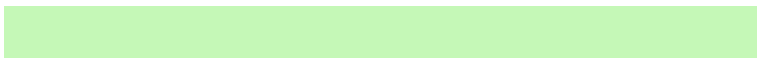
The Inverse Universe completely reimagines the original color for something new.



82, 33.513, 335.847



81, 40.517, 336.231



93, 38.218, 136.972



49, 7.259, 334.594



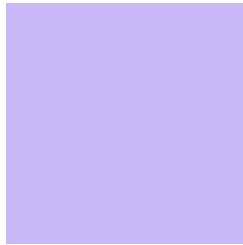
42, 73.954, 344.352



10, 34.298, 341.755

Previews

White Background



This preview shows how the CIELCh color 78, 35.564, 303.297 looks on a white background.

Color Contrast Check

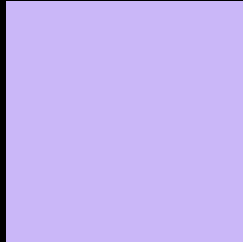
Large Text (above 18pt) WCAG AA × Fail

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 78, 35.564, 303.297 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 78, 35.564, 303.297

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.564, 303.297.



This preview shows how white text looks on a background with the CIELCh color 78, 35.564, 303.297.

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
78, 8.191, 300.989

Trichromacy



Original Color
78, 35.564, 303.297

Protanomaly
78, 34.304, 291.641

Deuteranomaly
78, 32.232, 294.765

Tritanomaly
78, 18.107, 302.831

Monochromacy



Original Color
78, 35.564, 303.297

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 13.130, 302.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.564, 303.297 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(202, 183, 248)` looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 248)  
}
```

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(202, 183, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.564, 303.297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

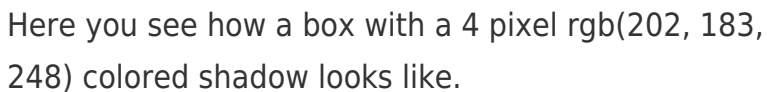
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 183, 248) }
```

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

```
.border{ border-color:rgb(202, 183, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 183, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 183, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 183, 248); box-shadow:4px 4px 4px 4px rgb(202, 183, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.564, 303.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 248) }
```

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

```
.background{ background-color: rgb(202,  
183, 248) }
```

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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