

Converting Colors

CIELCh(80, 60.338, 297.926)

Have a look what the booklet for
CIELCh(80, 60.338, 297.926)
contains.

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Color

CIELCh(78, 37.759, 298.320)

Conversions

Conversions Part 1

Format	Color
Hex	C2B9FE
RGB	194, 185, 254
RGB Percent	76%, 73%, 100%
CMY	0.2373, 0.2764, 0.0021
CMYK	0.24, 0.27, 0.00, 0.00
HSL	249°, 99%, 86%
HSV	249°, 27%, 100%
XYZ	57.5853, 53.2120, 101.3992
YIQ	195.5570, -16.7850, 23.3670

Conversions

Conversions Part 2

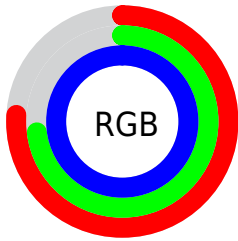
Format	Color
RYB	194, 185, 254
Decimal	12761598
CIELab	78.00, 17.91, -33.24
CIELCh	78, 37.759, 298.320
Yxy	53.2120, 0.2714, 0.2508
Android (android.graphics.Color)	4290951678 (0xFFC2B9FE)
YUV	195.5570, 28.8124, -1.3655
Hunter-Lab	72.9466, 13.2546, -31.3534

Details

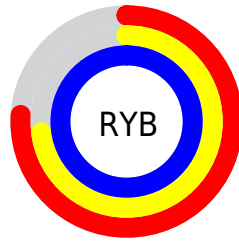
The CIELCh color `78, 37.759, 298.320` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 35.414, 113.671`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 8.019, 316.387`, and `58, 37.133, 297.767` is the 20% darker color. If you saturate the color by 10%, you get `70, 52.532, 299.525`, and if you desaturate by 10%, it is `86, 23.546, 297.271`.

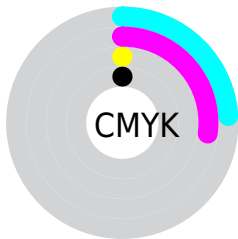
Distribution



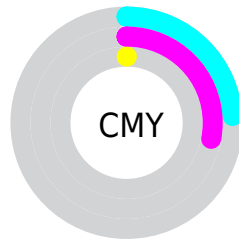
- Red (76%)
- Green (73%)
- Blue (100%)



- Red (76%)
- Yellow (73%)
- Blue (100%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 37.759, 298.320 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, 37.759, 298.320 by changing the saturation by 10% instead.


 78, 37.759,
298.320


 78, 37.759,
298.320


 100, 37.759,
298.320


 68, 37.759,
298.320


 98, 37.759,
298.320

 58, 37.759,
298.320

 48, 37.759,
298.320

 38, 37.759,
298.320

 28, 37.759,
298.320

 18, 37.759,
298.320

 8, 37.759, 298.320

■ 0, 37.759, 298.320

■ 78, 37.759,
298.320

■ 78, 37.759,
298.320

■ 70, 52.532,
299.525

■ 86, 23.546,
297.271

■ 62, 67.819,
300.884

■ 94, 9.893, 296.367

■ 55, 83.430,
302.366

100, 0.255,
109.856

■ 48, 98.885,
303.884

■ 41, 113.178,
305.273

■ 37, 124.622,
306.284

■ 34, 131.420,
306.683

■ 33, 132.627,
306.745

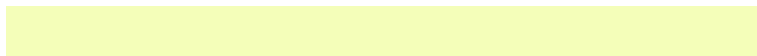
Harmonies

Complementary

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



78, 37.759, 298.320



98, 35.414, 113.671

Rectangle

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



78, 37.759, 298.320



78, 37.759, 348.320



78, 37.759, 118.320



78, 37.759, 168.320

Sweetspot

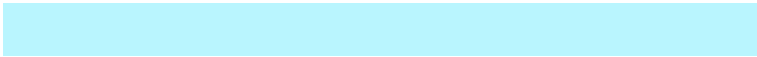
The Sweet Spot groups the original color and five complimentary colors.



78, 37.757, 298.320



94, 10.589, 296.410



93, 19.945, 212.307



49, 7.547, 296.538



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, 37.757, 298.320



74, 45.902, 298.964



81, 40.184, 314.786



49, 7.547, 296.538



24, 106.849, 306.830



4, 44.446, 304.495

Inverse Universe

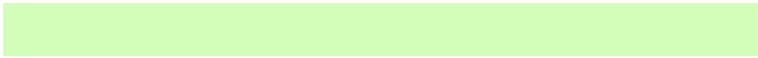
The Inverse Universe completely reimagines the original color for something new.



83, 39.807, 330.281



80, 47.745, 330.630



95, 39.131, 132.319



50, 8.208, 329.151



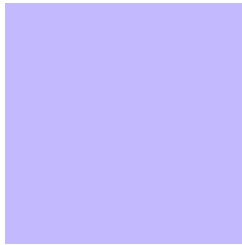
44, 83.227, 334.884



12, 38.802, 333.971

Previews

White Background



This preview shows how the CIELCh color 78, 37.759, 298.320 looks on a white background.

Color Contrast Check

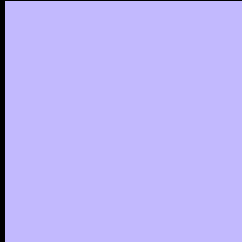
Large Text (above 18pt) WCAG AA × Fail

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, 37.759, 298.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

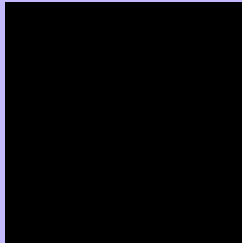
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.759, 298.320

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.759, 298.320.

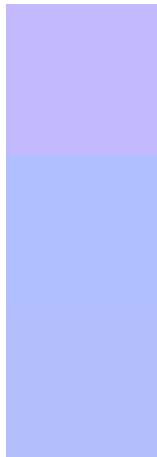


This preview shows how white text looks on a background with the CIELCh color 78, 37.759, 298.320.

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

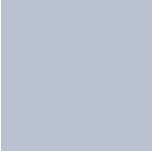
78, 37.203, 297.866

Protanopia

78, 34.459, 284.951

Deuteranopia

78, 33.818, 287.331



Tritanopia
78, 8.359, 273.725

Trichromacy



Original Color
78, 37.203, 297.866

Protanomaly
78, 35.367, 289.763

Deuteranomaly
78, 35.368, 291.785

Tritanomaly
78, 18.769, 290.838

Monochromacy



Original Color
78, 37.203, 297.866

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 14.027, 297.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.759, 298.320 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(194, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 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(194, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.759, 298.320 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(194, 185, 254) }
```

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

```
.border{ border-color:rgb(194, 185, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.759, 298.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 254) }
```

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

```
.background{ background-color: rgb(194,  
185, 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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