

Converting Colors

CIELCh(80, 58.428, 297.598)

Have a look what the booklet for
CIELCh(80, 58.428, 297.598)
contains.

CIELCh(78, 37.167, 297.855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 37.167, 297.855)

Conversions

Conversions Part 1

Format	Color
Hex	C2B9FE
RGB	194, 185, 254
RGB Percent	76%, 73%, 100%
CMY	0.2400, 0.2751, 0.0049
CMYK	0.24, 0.27, 0.00, 0.00
HSL	248°, 97%, 86%
HSV	248°, 27%, 100%
XYZ	57.3623, 53.2120, 100.8099
YIQ	195.5570, -16.7850, 23.3670

Conversions

Conversions Part 2

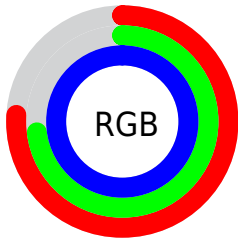
Format	Color
RYB	194, 185, 254
Decimal	12761598
CIELab	78.00, 17.37, -32.86
CIELCh	78, 37.167, 297.855
Yxy	53.2120, 0.2714, 0.2517
Android (android.graphics.Color)	4290951678 (0xFFC2B9FE)
YUV	195.5570, 28.8124, -1.3655
Hunter-Lab	72.9466, 12.7088, -30.8743

Details

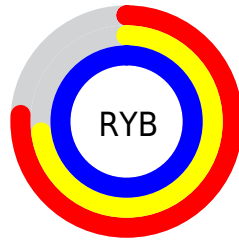
The CIELCh color `78, 37.167, 297.855` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 34.874, 113.160`, and the grayscale version is `79, 0.010, 296.813`.

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, 51.889, 299.089`, and if you desaturate by 10%, it is `86, 23.011, 296.783`.

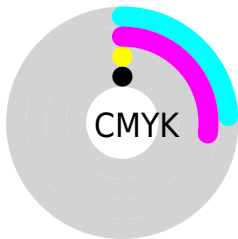
Distribution



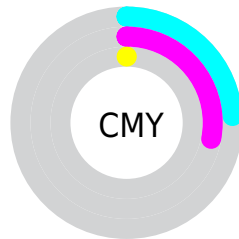
- Red (76%)
- Green (73%)
- Blue (100%)



- 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, 37.167, 297.855 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, 37.167, 297.855 by changing the saturation by 10% instead.


 78, 37.167,
297.855


 78, 37.167,
297.855


 100, 37.167,
297.855


 68, 37.167,
297.855


 98, 37.167,
297.855

 58, 37.167,
297.855

 48, 37.167,
297.855

 38, 37.167,
297.855

 28, 37.167,
297.855

 18, 37.167,
297.855

 8, 37.167, 297.855

0, 37.167, 297.855

78, 37.167,
297.855

78, 37.167,
297.855

70, 51.889,
299.089

86, 23.011,
296.783

62, 67.139,
300.485

94, 9.417, 295.863

55, 82.737,
302.014

100, 0.618,
110.007

48, 98.222,
303.591

41, 112.604,
305.049

36, 124.193,
306.134

■ 33,131.125,
306.598

■ 33,132.481,
306.679

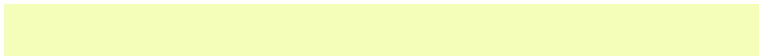
Harmonies

Complementary

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



78, 37.167, 297.855



97, 34.874, 113.160

Rectangle

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



78, 37.167, 297.855



78, 37.167, 347.855



78, 37.167, 117.855



78, 37.167, 167.855

Sweetspot

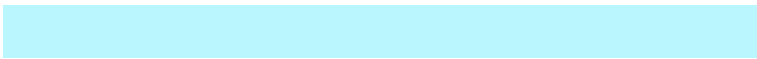
The Sweet Spot groups the original color and five complimentary colors.



78, 37.165, 297.855



94, 10.580, 295.935



93, 19.935, 210.321



49, 7.540, 296.066



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, 37.165, 297.855



74, 45.878, 298.556



81, 39.465, 314.230



49, 7.540, 296.066



24, 106.970, 306.757



4, 44.421, 304.269

Inverse Universe

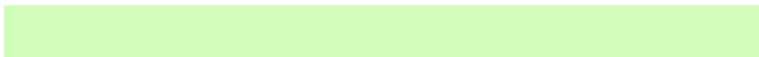
The Inverse Universe completely reimagines the original color for something new.



83, 39.579, 329.839



80, 48.159, 330.203



95, 38.387, 131.793



50, 8.281, 328.744



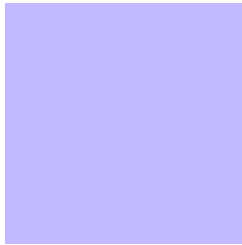
44, 84.044, 334.211



12, 39.139, 333.399

Previews

White Background



This preview shows how the CIELCh color 78, 37.167, 297.855 looks on a white background.

Color Contrast Check

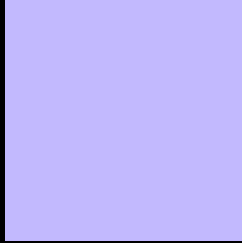
Large Text (above 18pt) WCAG AA × Fail

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, 37.167, 297.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

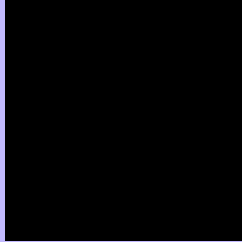
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.167, 297.855

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.167, 297.855.

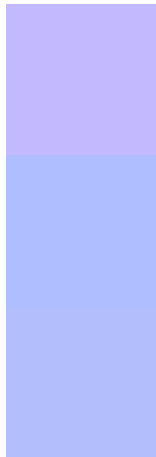


This preview shows how white text looks on a background with the CIELCh color 78, 37.167, 297.855.

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

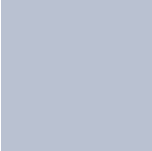
78, 37.203, 297.866

Protanopia

78, 34.983, 285.651

Deuteranopia

78, 33.818, 287.331



Tritanopia
78, 8.965, 272.673

Trichromacy



Original Color
78, 37.203, 297.866

Protanomaly
78, 35.920, 290.376

Deuteranomaly
78, 34.841, 291.201

Tritanomaly
78, 18.772, 289.803

Monochromacy



Original Color
78, 37.203, 297.866

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 13.495, 297.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.167, 297.855 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, 37.167, 297.855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

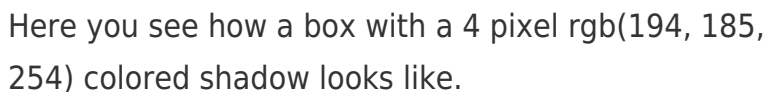
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.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, 37.167, 297.855 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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