

Converting Colors

CIELCh(79, 47.001, 294.062)

Have a look what the booklet for
CIELCh(79, 47.001, 294.062)
contains.

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Color

CIELCh(78, 35.898, 292.850)

Conversions

Conversions Part 1

Format	Color
Hex	BABBFE
RGB	186, 187, 254
RGB Percent	73%, 73%, 100%
CMY	0.2701, 0.2661, 0.0036
CMYK	0.27, 0.26, 0.00, 0.00
HSL	239°, 97%, 86%
HSV	239°, 27%, 100%
XYZ	55.9783, 53.2120, 101.1521
YIQ	194.3390, -22.1030, 20.6250

Conversions

Conversions Part 2

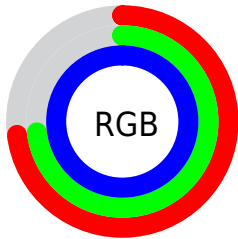
Format	Color
R _Y B	186, 187, 254
Decimal	12237822
CIE Lab	78.00, 13.94, -33.08
CIE LCh	78, 35.898, 292.850
Yxy	53.2120, 0.2661, 0.2530
Android (android.graphics.Color)	4290427902 (0xFFBABBFE)
YUV	194.3390, 29.4129, -7.3133
Hunter-Lab	72.9466, 9.3222, -31.1525

Details

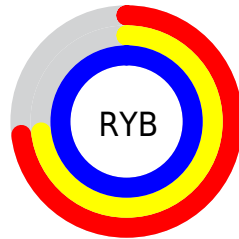
The CIELCh color **78, 35.898, 292.850** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98, 33.716, 106.930**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.157, 290.661**, and **58, 35.841, 292.652** is the 20% darker color. If you saturate the color by 10%, you get **70, 50.384, 294.488**, and if you desaturate by 10%, it is **86, 22.014, 291.456**.

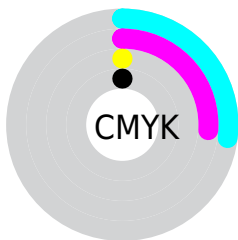
Distribution



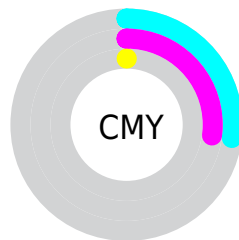
- Red (73%)
- Green (73%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.898, 292.850 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, 35.898, 292.850 by changing the saturation by 10% instead.


 78, 35.898,
292.850


 78, 35.898,
292.850


 100, 35.898,
292.850


 68, 35.898,
292.850


 98, 35.898,
292.850

 58, 35.898,
292.850

 48, 35.898,
292.850

 38, 35.898,
292.850

 28, 35.898,
292.850

 18, 35.898,
292.850

 8, 35.898, 292.850

0, 35.898, 292.850

78, 35.898,
292.850

78, 35.898,
292.850

70, 50.384,
294.488

86, 22.014,
291.456

62, 65.482,
296.386

94, 8.699, 290.280

54, 81.092,
298.524

100, 0.456,
109.974

47, 96.837,
300.808

40, 111.755,
303.029

36, 124.029,
304.861

■ 33, 131.470,
305.971

■ 32, 132.858,
306.166

Harmonies

Complementary

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



78, 35.898, 292.850



98, 33.716, 106.930

Rectangle

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



78, 35.898, 292.850



78, 35.898, 342.850



78, 35.898, 112.850



78, 35.898, 162.850

Sweetspot

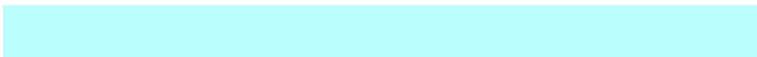
The Sweet Spot groups the original color and five complimentary colors.



78, 35.896, 292.849



94, 10.366, 290.416



95, 22.049, 196.529



49, 7.388, 290.583



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, 35.896, 292.849



74, 43.556, 293.679



80, 37.981, 309.812



49, 7.388, 290.583



23, 107.101, 306.114



4, 43.651, 301.514

Inverse Universe

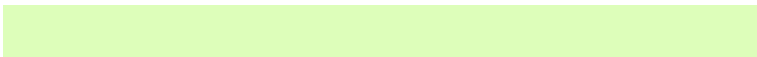
The Inverse Universe completely reimagines the original color for something new.



82, 26.322, 20.407



79, 32.191, 21.070



96, 36.532, 127.221



49, 5.252, 18.728



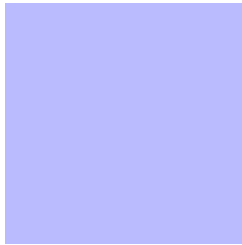
40, 83.548, 39.408



10, 33.242, 26.578

Previews

White Background



This preview shows how the CIELCh color 78, 35.898, 292.850 looks on a white background.

Color Contrast Check

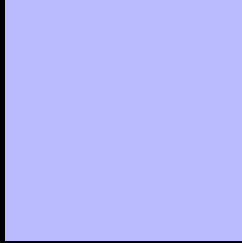
Large Text (above 18pt) WCAG AA × Fail

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, 35.898, 292.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

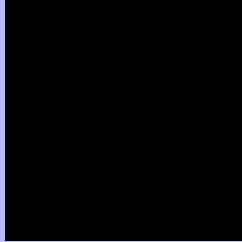
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 35.898, 292.850

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.898, 292.850.

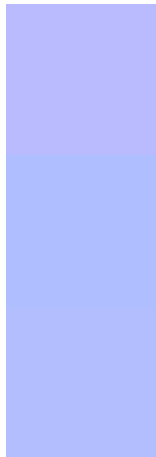


This preview shows how white text looks on a background with the CIELCh color 78, 35.898, 292.850.

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, 35.933, 292.865

Protanopia

78, 34.983, 285.651

Deuteranopia

78, 34.371, 286.974



Tritanopia
78, 10.463, 254.365

Trichromacy



Original Color
78, 35.933, 292.865

Protanomaly
78, 35.416, 288.279

Deuteranomaly
78, 34.851, 289.150

Tritanomaly
78, 19.076, 279.715

Monochromacy



Original Color
78, 35.933, 292.865

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.854, 289.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.898, 292.850 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(186, 187, 254)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 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(186, 187, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.898, 292.850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

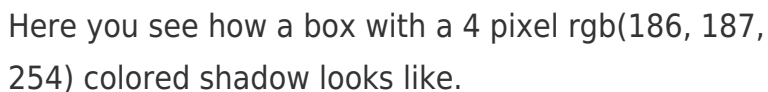
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 187, 254) }
```

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

```
.border{ border-color:rgb(186, 187, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 187, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 187, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 187, 254); box-shadow:4px 4px 4px 4px rgb(186, 187, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.898, 292.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 254) }
```

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

```
.background{ background-color: rgb(186,  
187, 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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