

Converting Colors

CIELCh(78, 19.268, 309.774)

Have a look what the booklet for
CIELCh(78, 19.268, 309.774)
contains.

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Color

CIELCh(78, 19.283, 309.774)

Conversions

Conversions Part 1

Format	Color
Hex	CBBADC
RGB	203, 186, 220
RGB Percent	80%, 73%, 86%
CMY	0.2024, 0.2691, 0.1357
CMYK	0.08, 0.15, 0.00, 0.14
HSL	270°, 33%, 80%
HSV	270°, 15%, 86%
XYZ	55.3383, 53.2120, 75.3313
YIQ	194.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

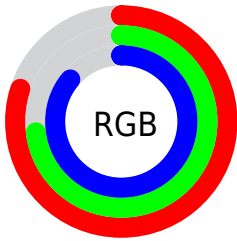
Format	Color
R_{YB}	203, 186, 220
Decimal	13351644
CIE _{Lab}	78.00, 12.34, -14.82
CIE _{LCh}	78, 19.283, 309.774
Yxy	53.2120, 0.3009, 0.2894
Android (android.graphics.Color)	4291541724 (0xFFCBBADC)
YUV	194.9590, 12.3452, 7.0520
Hunter-Lab	72.9466, 7.7561, -10.1657

Details

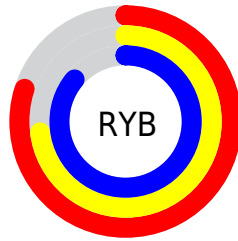
The CIELCh color **78, 19.283, 309.774** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 18.878, 128.378**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.100, 324.685**, and **58, 19.241, 309.954** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.201, 310.287**, and if you desaturate by 10%, it is **84, 6.694, 309.288**.

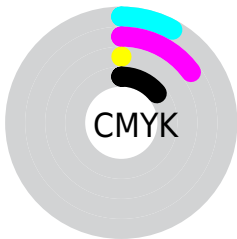
Distribution



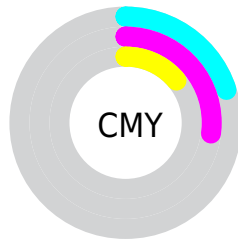
- Red (80%)
- Green (73%)
- Blue (86%)



- Red (80%)
- Yellow (73%)
- Blue (86%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)





- Cyan (20%)
- Magenta (27%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 19.283, 309.774 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, 19.283, 309.774 by changing the saturation by 10% instead.


 78, 19.283,
309.774


 78, 19.283,
309.774


 100, 19.283,
309.774


 68, 19.283,
309.774


 98, 19.283,
309.774

 58, 19.283,
309.774

 48, 19.283,
309.774

 38, 19.283,
309.774

 28, 19.283,
309.774

 18, 19.283,
309.774

 8, 19.283, 309.774

■ 0, 19.283, 309.774

■ 78, 19.283,
309.774

■ 78, 19.283,
309.774

■ 72, 32.201,
310.287

■ 84, 6.694, 309.288

■ 91, 5.525, 128.901

■ 65, 45.374,
310.827

■ 97, 17.365,
128.503

■ 59, 58.642,
311.372

■ 99, 17.754,
117.780

■ 53, 71.728,
311.884

■ 99, 17.505,
108.854

■ 48, 84.169,
312.305

■ 43, 95.274,
312.547

■ 39,104.153,
312.499

■ 36,109.972,
312.050

■ 35,111.904,
311.767

Harmonies

Complementary

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



78, 19.283, 309.774



86, 18.878, 128.378

Rectangle

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



78, 19.283, 309.774



78, 19.283, 359.774



78, 19.283, 129.774



78, 19.283, 179.774

Sweetspot

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



78, 19.281, 309.773



96, 6.933, 309.269



81, 10.490, 255.720



51, 4.734, 309.303



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, 19.281, 309.773



86, 26.859, 309.960



79, 21.788, 324.816



43, 7.005, 309.480



27, 93.406, 311.949



3, 31.241, 309.399

Inverse Universe

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



79, 15.493, 344.954



88, 21.550, 345.314



85, 21.757, 143.075



43, 5.638, 344.394



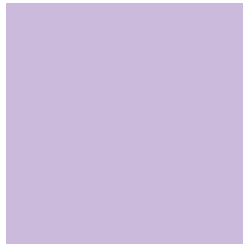
37, 63.492, 1.780



6, 25.069, 354.524

Previews

White Background



This preview shows how the CIELCh color 78, 19.283, 309.774 looks on a white background.

Color Contrast Check

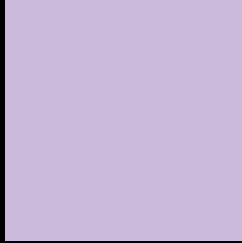
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 19.283, 309.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

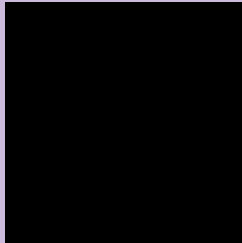
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 19.283, 309.774

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.283, 309.774.



This preview shows how white text looks on a background with the CIELCh color 78, 19.283, 309.774.

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, 19.283, 309.774

Protanopia

78, 17.712, 287.370

Deuteranopia

78, 17.657, 304.262



Tritanopia
78, 9.190, 319.111

Trichromacy



Original Color
78, 19.283, 309.774

Protanomaly
78, 18.324, 296.131

Deuteranomaly
78, 18.450, 307.132

Tritanomaly
78, 12.882, 314.108

Monochromacy



Original Color
78, 19.283, 309.774

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 6.812, 309.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.283, 309.774 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(203, 186, 220)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 220)  
}
```

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(203, 186, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.283, 309.774 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(203, 186, 220) }
```

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

```
.border{ border-color:rgb(203, 186, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 220);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.283, 309.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 220) }
```

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

```
.background{ background-color: rgb(203,  
186, 220) }
```

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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