

Converting Colors

CIELCh(78, 17.604, 306.616)

Have a look what the booklet for
CIELCh(78, 17.604, 306.616)
contains.

CIELCh(78, 17.219, 305.778)	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, 17.219, 305.778)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCDB
RGB	200, 188, 219
RGB Percent	78%, 74%, 86%
CMY	0.2166, 0.2637, 0.1421
CMYK	0.09, 0.14, 0.00, 0.14
HSL	263°, 30%, 80%
HSV	263°, 14%, 86%
XYZ	54.4408, 53.2120, 74.2495
YIQ	195.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

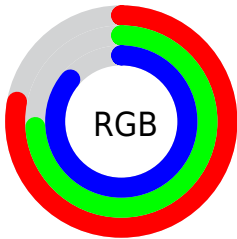
Format	Color
R _Y B	200, 188, 219
Decimal	13155547
CIE Lab	78.00, 10.07, -13.97
CIE LCh	78, 17.219, 305.778
Yxy	53.2120, 0.2993, 0.2925
Android (android.graphics.Color)	4291345627 (0xFFC8BCDB)
YUV	195.1220, 11.7719, 4.2780
Hunter-Lab	72.9466, 5.5599, -9.2864

Details

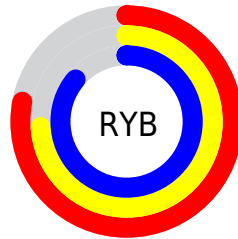
The CIELCh color $78, 17.219, 305.778$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 16.807, 124.319$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 6.851, 324.635$, and $58, 17.067, 305.692$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.842, 306.386$, and if you desaturate by 10%, it is $85, 4.986, 305.220$.

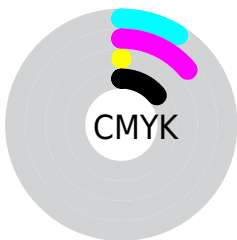
Distribution



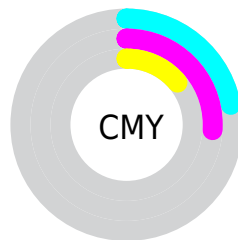
- Red (78%)
- Green (74%)
- Blue (86%)



- Red (78%)
- Yellow (74%)
- Blue (86%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)




- Cyan (22%)
- Magenta (26%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 17.219, 305.778 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, 17.219, 305.778 by changing the saturation by 10% instead.

 78, 17.219,
305.778


 78, 17.219,
305.778


 100, 17.219,
305.778


 68, 17.219,
305.778


 98, 17.219,
305.778


 58, 17.219,
305.778

 48, 17.219,
305.778

 38, 17.219,
305.778

 28, 17.219,
305.778

 18, 17.219,
305.778

 8, 17.219, 305.778

■ 0, 17.219, 305.778

■ 78, 17.219,
305.778

■ 78, 17.219,
305.778

■ 71, 29.842,
306.386

■ 85, 4.986, 305.220

■ 91, 6.841, 124.768

■ 65, 42.821,
307.052

■ 98, 18.272,
124.339

■ 58, 56.053,
307.761

■ 99, 18.342,
110.635

■ 52, 69.334,
308.480

■ 99, 18.327,
108.791

■ 46, 82.276,
309.152

■ 41, 94.225,
309.683

■ 37,104.215,
309.939

■ 33,111.155,
309.769

■ 32,113.956,
309.523

Harmonies

Complementary

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



78, 17.219, 305.778



86, 16.807, 124.319

Rectangle

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



78, 17.219, 305.778



78, 17.219, 355.778



78, 17.219, 125.778



78, 17.219, 175.778

Sweetspot

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



78, 17.217, 305.776



97, 5.421, 305.213



82, 9.019, 243.507



51, 3.856, 305.255



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, 17.217, 305.776



87, 23.510, 305.952



79, 19.293, 321.907



43, 6.861, 305.508



24, 95.634, 309.688



3, 30.539, 305.171

Inverse Universe

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



79, 15.241, 339.084



89, 20.758, 339.331



85, 19.209, 140.511



43, 6.095, 338.699



38, 65.894, 351.638



6, 26.535, 346.585

Previews

White Background



This preview shows how the CIELCh color 78, 17.219, 305.778 looks on a white background.

Color Contrast Check

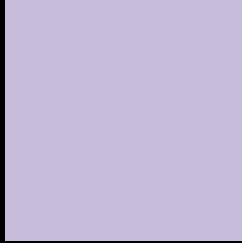
Large Text (above 18pt) WCAG AA × Fail

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, 17.219, 305.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

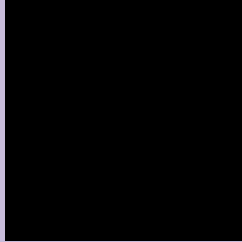
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 17.219, 305.778

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.219, 305.778.



This preview shows how white text looks on a background with the CIELCh color 78, 17.219, 305.778.

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, 17.219, 305.778

Protanopia

78, 16.094, 287.968

Deuteranopia

78, 17.135, 304.633



Tritanopia
78, 8.583, 310.523

Trichromacy



Original Color
78, 17.219, 305.778

Protanomaly
78, 16.119, 294.095

Deuteranomaly
78, 17.135, 304.633

Tritanomaly
78, 11.866, 308.682

Monochromacy



Original Color
78, 17.219, 305.778

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 6.702, 306.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.219, 305.778 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(200, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 219)  
}
```

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(200, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.219, 305.778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

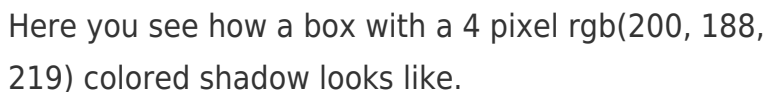
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 188, 219) }
```

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

```
.border{ border-color:rgb(200, 188, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.219, 305.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 219) }
```

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

```
.background{ background-color: rgb(200,  
188, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor