

Converting Colors

CIELCh(79, 13.124, 294.378)

Have a look what the booklet for
CIELCh(79, 13.124, 294.378)
contains.

CIELCh(79, 13.405, 294.367)	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(79, 13.405, 294.367)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1DA
RGB	195, 193, 218
RGB Percent	76%, 76%, 85%
CMY	0.2345, 0.2423, 0.1443
CMYK	0.11, 0.11, 0.00, 0.14
HSL	245°, 25%, 81%
HSV	245°, 11%, 86%
XYZ	54.3519, 54.9284, 74.2058
YIQ	196.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

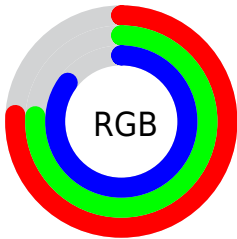
Format	Color
RYB	195, 193, 218
Decimal	12829146
CIELab	79.00, 5.53, -12.21
CIELCh	79, 13.405, 294.367
Yxy	54.9284, 0.2962, 0.2994
Android (android.graphics.Color)	4291019226 (0xFFC3C1DA)
YUV	196.4480, 10.6251, -1.2699
Hunter-Lab	74.1137, 1.2055, -7.4841

Details

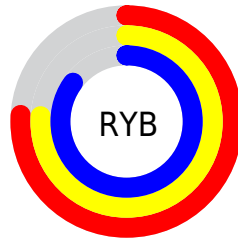
The CIELCh color **79, 13.405, 294.367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 13.057, 112.357**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.255, 309.128**, and **59, 13.063, 293.261** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.611, 295.437**, and if you desaturate by 10%, it is **86, 1.681, 293.464**.

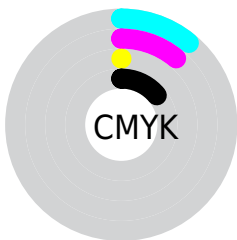
Distribution



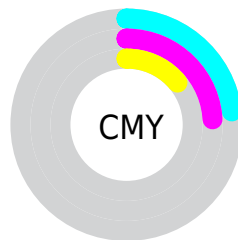
- Red (76%)
- Green (76%)
- Blue (85%)



- Red (76%)
- Yellow (76%)
- Blue (85%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 13.405, 294.367 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 79, 13.405, 294.367 by changing the saturation by 10% instead.

■ 79, 13.405,
294.367

■ 79, 13.405,
294.367

■ 100, 13.405,
294.367

■ 69, 13.405,
294.367

■ 99, 13.405,
294.367

■ 59, 13.405,
294.367

■ 49, 13.405,
294.367

■ 39, 13.405,
294.367

■ 29, 13.405,
294.367

■ 19, 13.405,
294.367

■ 9, 13.405, 294.367

0, 13.405, 294.367

79, 13.405,
294.367

79, 13.405,
294.367

72, 25.611,
295.437

86, 1.681, 293.464

65, 38.332,
296.690

93, 9.590, 112.656

58, 51.572,
298.135

99, 18.604,
108.770

51, 65.274,
299.767

44, 79.223,
301.538

38, 92.866,
303.328

■ 33,105.060,
304.917

■ 29,114.051,
306.007

■ 27,118.554,
306.497

Harmonies

Complementary

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



79, 13.405, 294.367



86, 13.057, 112.357

Rectangle

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



79, 13.405, 294.367



79, 13.405, 344.367



79, 13.405, 114.367



79, 13.405, 164.367

Sweetspot

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



79, 13.403, 294.363



98, 3.924, 293.588



85, 8.184, 205.072



52, 2.978, 293.656



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 13.403, 294.363



89, 18.682, 294.633



80, 14.320, 311.844



42, 6.642, 294.166



21, 99.788, 306.550



2, 29.704, 296.881

Inverse Universe

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



81, 15.246, 327.307



91, 21.166, 327.464



85, 14.124, 130.881



43, 7.576, 327.186



40, 81.313, 331.675



7, 32.682, 330.966

Previews

White Background



This preview shows how the CIELCh color 79, 13.405, 294.367 looks on a white background.

Color Contrast Check

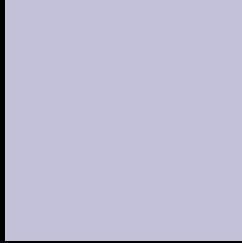
Large Text (above 18pt) WCAG AA × Fail

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 79, 13.405, 294.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

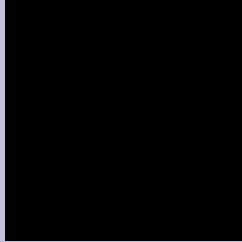
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 13.405, 294.367

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.405, 294.367.



This preview shows how white text looks on a background with the CIELCh color 79, 13.405, 294.367.

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

79, 13.405, 294.367

Protanopia

79, 13.371, 288.407

Deuteranopia

79, 16.356, 309.072



Tritanopia
79, 8.018, 288.370

Trichromacy



Original Color
79, 13.405, 294.367

Protanomaly
79, 13.363, 289.891

Deuteranomaly
79, 15.447, 304.632

Tritanomaly
79, 10.160, 291.098

Monochromacy



Original Color
79, 13.405, 294.367

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.808, 290.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.405, 294.367 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(195, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 218)  
}
```

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(195, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.405, 294.367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

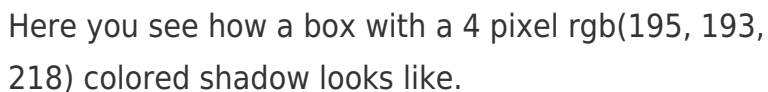
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 193, 218) }
```

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

```
.border{ border-color:rgb(195, 193, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 193, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 193, 218); box-shadow:4px 4px 4px 4px rgb(195, 193, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.405, 294.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 218) }
```

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

```
.background{ background-color: rgb(195,  
193, 218) }
```

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