

Converting Colors

CIELCh(77, 9.409, 303.293)

Have a look what the booklet for
CIELCh(77, 9.409, 303.293) contains.

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Color

CIELCh(77, 9.340, 302.068)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCCD
RGB	193, 188, 205
RGB Percent	76%, 74%, 80%
CMY	0.2443, 0.2639, 0.1973
CMYK	0.06, 0.08, 0.00, 0.20
HSL	258°, 14%, 77%
HSV	258°, 8%, 80%
XYZ	50.8196, 51.5317, 64.8352
YIQ	191.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

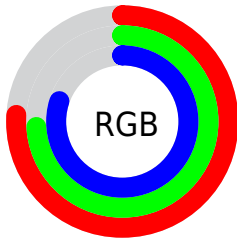
Format	Color
R_{YB}	193, 188, 205
Decimal	12696781
CIE _{Lab}	77.00, 4.96, -7.91
CIE _{LCh}	77, 9.340, 302.068
Yxy	51.5317, 0.3040, 0.3082
Android (android.graphics.Color)	4290886861 (0xFFC1BCCD)
YUV	191.4330, 6.6885, 1.3743
Hunter-Lab	71.7856, 0.7418, -3.2995

Details

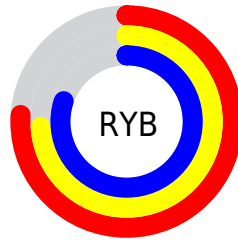
The CIELCh color $77, 9.340, 302.068$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 9.181, 121.106$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.921, 307.643$, and $57, 9.286, 300.583$ is the 20% darker color. If you saturate the color by 10%, you get $71, 20.950, 302.737$, and if you desaturate by 10%, it is $83, 1.866, 121.507$.

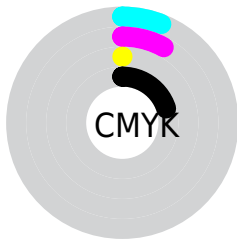
Distribution



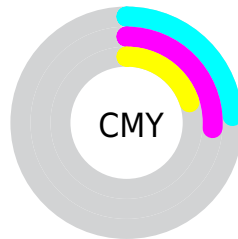
- Red (76%)
- Green (74%)
- Blue (80%)



- Red (76%)
- Yellow (74%)
- Blue (80%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.340, 302.068 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 77, 9.340, 302.068 by changing the saturation by 10% instead.

■ 77, 9.340, 302.068

■ 77, 9.340, 302.068

■ 100, 9.340,
302.068

■ 67, 9.340, 302.068

■ 97, 9.340, 302.068

■ 57, 9.340, 302.068

■ 47, 9.340, 302.068

■ 37, 9.340, 302.068

■ 27, 9.340, 302.068

■ 17, 9.340, 302.068

■ 7, 9.340, 302.068

■ 0, 9.340, 302.068

■ 77, 9.340, 302.068

■ 77, 9.340, 302.068

71, 20.950,
302.737

83, 1.866, 121.507

64, 32.969,
303.497

90, 12.675,
120.975

58, 45.365,
304.341

96, 23.108,
120.531

52, 58.043,
305.255

99, 25.455,
112.031

46, 70.790,
306.201

99, 25.385,
108.252

40, 83.182,
307.107

35, 94.459,
307.848

31, 103.500,
308.252

28, 109.366,

Harmonies

Complementary

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



77, 9.340, 302.068



81, 9.181, 121.106

Rectangle

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



77, 9.340, 302.068



77, 9.340, 352.068



77, 9.340, 122.068



77, 9.340, 172.068

Sweetspot

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



77, 9.338, 302.064



98, 2.668, 301.670



80, 5.000, 230.152



53, 1.517, 301.663



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 9.338, 302.064



92, 13.488, 302.181



78, 10.364, 318.651



40, 6.375, 302.133



22, 94.068, 308.322



2, 23.876, 299.997

Inverse Universe

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



78, 8.996, 334.567



94, 12.971, 334.700



81, 10.305, 137.957



40, 6.135, 334.646



37, 67.225, 344.272



4, 22.842, 340.407

Previews

White Background



This preview shows how the CIELCh color 77, 9.340, 302.068 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 77, 9.340, 302.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

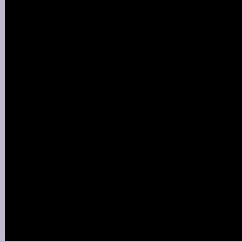
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 9.340, 302.068

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.340, 302.068.

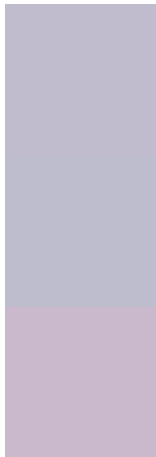


This preview shows how white text looks on a background with the CIELCh color 77, 9.340, 302.068.

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

77, 9.340, 302.068

Protanopia

77, 8.599, 290.976

Deuteranopia

77, 12.444, 320.715



Tritanopia
77, 8.215, 300.996

Trichromacy



Original Color
77, 9.340, 302.068

Protanomaly
77, 8.612, 293.349

Deuteranomaly
77, 11.294, 315.600

Tritanomaly
77, 8.744, 300.408

Monochromacy



Original Color
77, 9.340, 302.068

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.318, 303.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.340, 302.068 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(193, 188, 205)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 205)  
}
```

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(193, 188, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.340, 302.068 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(193, 188, 205) }
```

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

```
.border{ border-color:rgb(193, 188, 205) }
```

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

Here you see how a box with a 4 pixel rgb(193, 188, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 205);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.340, 302.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 205) }
```

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

```
.background{ background-color: rgb(193,  
188, 205) }
```

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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