

Converting Colors

CIE LCh(76, 8.111, 334.996)

Have a look what the booklet for
CIELCh(76, 8.111, 334.996) contains.

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Color

CIELCh(76, 8.402, 335.306)

Conversions

Conversions Part 1

Format	Color
Hex	C7B7C2
RGB	199, 183, 194
RGB Percent	78%, 72%, 76%
CMY	0.2197, 0.2824, 0.2393
CMYK	0.00, 0.08, 0.03, 0.22
HSL	319°, 12%, 75%
HSV	319°, 8%, 78%
XYZ	50.2077, 49.8872, 58.0052
YIQ	189.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

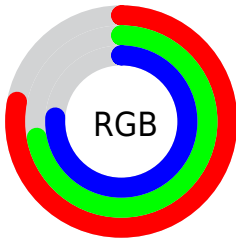
Format	Color
R_{YB}	199, 183, 194
Decimal	13088706
CIE Lab	76.00, 7.63, -3.51
CIE LCh	76, 8.402, 335.306
Yxy	49.8872, 0.3176, 0.3155
Android (android.graphics.Color)	4291278786 (0xFFC7B7C2)
YUV	189.0380, 2.4463, 8.7367
Hunter-Lab	70.6309, 3.2819, 0.7501

Details

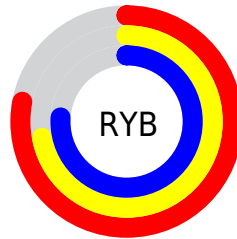
The CIELCh color $76, 8.402, 335.306$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 8.357, 154.275$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 8.008, 335.179$, and $56, 8.241, 336.343$ is the 20% darker color. If you saturate the color by 10%, you get $71, 18.976, 336.054$, and if you desaturate by 10%, it is $81, 2.017, 154.840$.

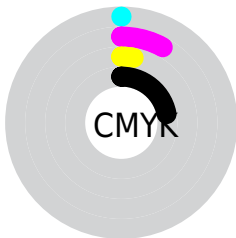
Distribution



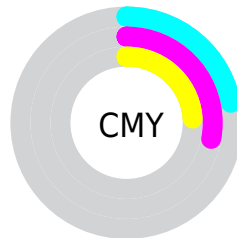
- Red (78%)
- Green (72%)
- Blue (76%)



- Red (78%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.402, 335.306 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 76, 8.402, 335.306 by changing the saturation by 10% instead.

■ 76, 8.402, 335.306

■ 76, 8.402, 335.306

■ 100, 8.402,
335.306

■ 66, 8.402, 335.306

■ 96, 8.402, 335.306

■ 56, 8.402, 335.306

■ 46, 8.402, 335.306

■ 36, 8.402, 335.306

■ 26, 8.402, 335.306

■ 16, 8.402, 335.306

■ 6, 8.402, 335.306

■ 0, 8.402, 335.306

■ 76, 8.402, 335.306

■ 76, 8.402, 335.306

71, 18.976,
336.054

81, 2.017, 154.840

66, 29.568,
336.833

87, 12.190,
154.061

61, 39.952,
337.668

92, 22.074,
153.449

57, 49.807,
338.574

95, 27.160,
154.826

53, 58.706,
339.577

96, 24.944,
159.936

50, 66.148,
340.714

96, 22.935,
165.954

47, 71.638,
342.041

96, 21.197,
173.006

45, 74.827,
343.630

96, 19.805,
181.151

44, 75.803,

96, 18.838,
190.303

345.547

Harmonies

Complementary

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



76, 8.402, 335.306



79, 8.357, 154.275

Rectangle

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



76, 8.402, 335.306



76, 8.402, 25.306



76, 8.402, 155.306



76, 8.402, 205.306

Sweetspot

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



76, 8.400, 335.309



99, 2.547, 334.775



75, 8.841, 302.267



53, 1.448, 334.760



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 8.400, 335.309



94, 12.800, 335.466



76, 6.251, 3.912



39, 5.929, 335.409



36, 65.703, 345.605



4, 20.348, 341.351

Inverse Universe

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



76, 8.400, 335.309



94, 12.800, 335.466



79, 6.055, 182.624



39, 5.929, 335.409



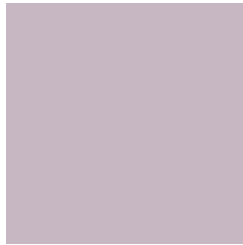
36, 65.703, 345.605



4, 20.348, 341.351

Previews

White Background



This preview shows how the CIELCh color 76, 8.402, 335.306 looks on a white background.

Color Contrast Check

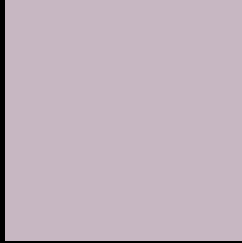
Large Text (above 18pt) WCAG AA × Fail

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 76, 8.402, 335.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

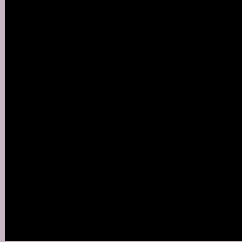
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 8.402, 335.306

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.402, 335.306.



This preview shows how white text looks on a background with the CIELCh color 76, 8.402, 335.306.

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


76, 8.402, 335.306

Protanopia

76, 5.452, 298.342

Deuteranopia

76, 9.857, 339.341



Tritanopia
76, 9.601, 328.482

Trichromacy



Original Color
76, 8.402, 335.306

Protanomaly
76, 5.999, 315.915

Deuteranomaly
76, 9.581, 337.842

Tritanomaly
76, 9.187, 330.553

Monochromacy



Original Color
76, 8.402, 335.306

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.111, 335.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.402, 335.306 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(199, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 194)  
}
```

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(199, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.402, 335.306 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(199, 183, 194) }
```

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

```
.border{ border-color:rgb(199, 183, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 183, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 183, 194); box-shadow:4px 4px 4px 4px rgb(199, 183, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.402, 335.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 194) }
```

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

```
.background{ background-color: rgb(199,  
183, 194) }
```

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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