

Converting Colors

CIELCh(76, 8.277, 323.002)

Have a look what the booklet for
CIELCh(76, 8.277, 323.002) contains.

CIELCh(76, 8.309, 322.657)	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(76, 8.309, 322.657)

Conversions

Conversions Part 1

Format	Color
Hex	C4B8C5
RGB	196, 184, 197
RGB Percent	77%, 72%, 77%
CMY	0.2324, 0.2795, 0.2285
CMYK	0.01, 0.07, 0.00, 0.23
HSL	295°, 10%, 75%
HSV	295°, 7%, 77%
XYZ	49.8256, 49.8872, 59.6629
YIQ	189.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

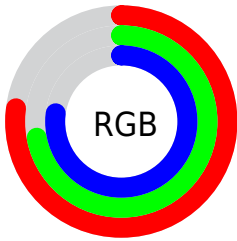
Format	Color
R _Y B	196, 184, 197
Decimal	12892357
CIE Lab	76.00, 6.61, -5.04
CIE LCh	76, 8.309, 322.657
Yxy	49.8872, 0.3126, 0.3130
Android (android.graphics.Color)	4291082437 (0xFFC4B8C5)
YUV	189.0700, 3.9095, 6.0776
Hunter-Lab	70.6309, 2.3164, -0.6414

Details

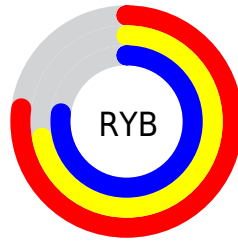
The CIELCh color `76, 8.309, 322.657` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 8.281, 142.046`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.539, 322.756`, and `56, 8.130, 322.560` is the 20% darker color. If you saturate the color by 10%, you get `71, 21.011, 323.171`, and if you desaturate by 10%, it is `81, 4.216, 142.250`.

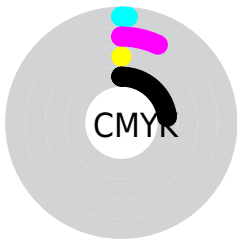
Distribution



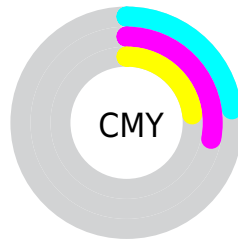
- Red (77%)
- Green (72%)
- Blue (77%)



- Red (77%)
- Yellow (72%)
- Blue (77%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.309, 322.657 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, 8.309, 322.657 by changing the saturation by 10% instead.

■ 76, 8.309, 322.657

■ 76, 8.309, 322.657

■ 100, 8.309,
322.657

■ 66, 8.309, 322.657

■ 96, 8.309, 322.657

■ 56, 8.309, 322.657

■ 46, 8.309, 322.657

■ 36, 8.309, 322.657

■ 26, 8.309, 322.657

■ 16, 8.309, 322.657

■ 6, 8.309, 322.657

■ 0, 8.309, 322.657

■ 76, 8.309, 322.657

■ 76, 8.309, 322.657

71, 21.011,
323.171

81, 4.216, 142.250

66, 33.743,
323.667

86, 16.464,
141.732

61, 46.276,
324.139

92, 28.385,
141.271

57, 58.283,
324.569

95, 35.515,
140.743

53, 69.342,
324.934

95, 35.219,
140.059

50, 78.949,
325.209

95, 34.928,
139.359

47, 86.597,
325.368

95, 34.641,
138.644

46, 91.901,
325.392

96, 34.359,
137.914

44, 94.793,

96, 34.082,
137.169

Harmonies

Complementary

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



76, 8.309, 322.657



78, 8.281, 142.046

Rectangle

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



76, 8.309, 322.657



76, 8.309, 12.657



76, 8.309, 142.657



76, 8.309, 192.657

Sweetspot

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



76, 8.307, 322.657



99, 3.100, 322.366



75, 6.436, 287.314



53, 1.762, 322.356



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, 8.307, 322.657



95, 12.433, 322.737



76, 6.340, 339.861



39, 7.210, 322.803



36, 83.141, 325.260



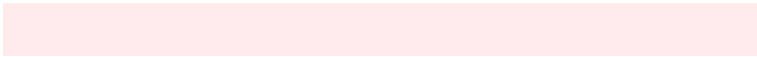
4, 25.867, 323.884

Inverse Universe

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



76, 4.910, 13.435



95, 7.379, 13.583



78, 6.295, 158.975



39, 4.294, 13.703



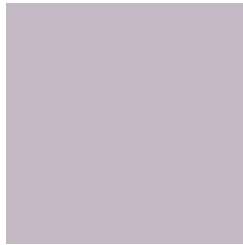
34, 71.619, 36.557



3, 15.938, 15.420

Previews

White Background



This preview shows how the CIELCh color 76, 8.309, 322.657 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, 8.309, 322.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

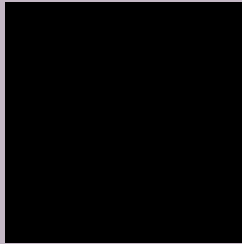
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 8.309, 322.657

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.309, 322.657.



This preview shows how white text looks on a background with the CIELCh color 76, 8.309, 322.657.

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, 8.309, 322.657

Protanopia

76, 6.521, 297.151

Deuteranopia

76, 10.722, 331.460



Tritanopia
76, 8.767, 320.792

Trichromacy



Original Color
76, 8.309, 322.657

Protanomaly
76, 7.370, 307.999

Deuteranomaly
76, 9.601, 328.482

Tritanomaly
76, 8.767, 320.792

Monochromacy



Original Color
76, 8.309, 322.657

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.089, 318.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.309, 322.657 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(196, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 184, 197)  
}
```

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(196, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 184, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.309, 322.657 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(196, 184, 197) }
```

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

```
.border{ border-color:rgb(196, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 184,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.309, 322.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 184, 197) }
```

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

```
.background{ background-color: rgb(196,  
184, 197) }
```

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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