

Converting Colors

CIELCh(76, 8.318, 315.526)

Have a look what the booklet for
CIELCh(76, 8.318, 315.526) contains.

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Color

CIELCh(76, 8.423, 316.456)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8C6
RGB	194, 184, 198
RGB Percent	76%, 72%, 78%
CMY	0.2388, 0.2780, 0.2231
CMYK	0.02, 0.07, 0.00, 0.22
HSL	283°, 11%, 75%
HSV	283°, 7%, 78%
XYZ	49.6403, 49.8872, 60.5008
YIQ	188.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

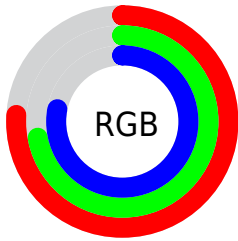
Format	Color
R_{YB}	194, 184, 198
Decimal	12761286
CIE Lab	76.00, 6.11, -5.80
CIE LCh	76, 8.423, 316.456
Yxy	49.8872, 0.3102, 0.3117
Android (android.graphics.Color)	4290951366 (0xFFC2B8C6)
YUV	188.5860, 4.6411, 4.7481
Hunter-Lab	70.6309, 1.8480, -1.3448




Details

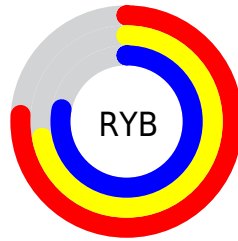
The CIELCh color $76, 8.423, 316.456$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 8.365, 135.904$, and the grayscale version is $76, 0.009, 296.813$.




A 20% lighter version of the original color is $96, 8.489, 314.890$, and $56, 8.261, 315.838$ is the 20% darker color. If you saturate the color by 10%, you get $71, 20.536, 316.895$, and if you desaturate by 10%, it is $82, 3.441, 136.119$.

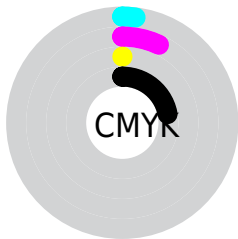
Distribution







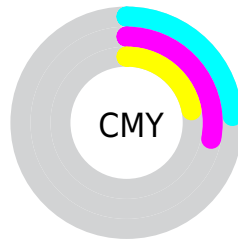
-  Red (76%)
-  Green (72%)
-  Blue (78%)






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



-  Cyan (2%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.423, 316.456 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, 8.423, 316.456 by changing the saturation by 10% instead.

■ 76, 8.423, 316.456

■ 76, 8.423, 316.456

■ 100, 8.423,
316.456

■ 66, 8.423, 316.456

■ 96, 8.423, 316.456

■ 56, 8.423, 316.456

■ 46, 8.423, 316.456

■ 36, 8.423, 316.456

■ 26, 8.423, 316.456

■ 16, 8.423, 316.456

■ 6, 8.423, 316.456

■ 0, 8.423, 316.456

■ 76, 8.423, 316.456

■ 76, 8.423, 316.456

71, 20.536,
316.895

82, 3.441, 136.119

65, 32.815,
317.334

87, 14.999,
135.693

60, 45.105,
317.760

93, 26.233,
135.331

55, 57.161,
318.149

96, 32.182,
133.831

50, 68.624,
318.465

96, 31.298,
130.569

46, 78.999,
318.660

97, 30.520,
127.080

43, 87.681,
318.675

97, 29.862,
123.374

40, 94.075,
318.449

98, 29.337,
119.474

38, 97.884,

98, 28.959,
115.409

317.941

Harmonies

Complementary

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



76, 8.423, 316.456



79, 8.365, 135.904

Rectangle

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



76, 8.423, 316.456



76, 8.423, 6.456



76, 8.423, 136.456



76, 8.423, 186.456

Sweetspot

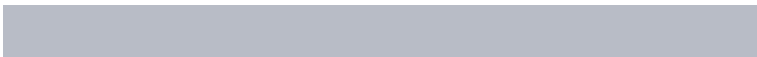
The Sweet Spot groups the original color and five complimentary colors.



76, 8.421, 316.454



99, 2.916, 316.190



76, 5.461, 274.622



53, 1.658, 316.182



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, 8.421, 316.454



95, 11.714, 316.501



76, 7.968, 330.925



39, 6.795, 316.558



30, 85.491, 317.902



3, 23.658, 314.572

Inverse Universe

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



76, 5.667, 357.530



95, 7.892, 357.644



79, 7.942, 150.117



39, 4.585, 357.781



34, 63.029, 21.797



4, 16.462, 4.934

Previews

White Background



This preview shows how the CIELCh color 76, 8.423, 316.456 looks on a white background.

Color Contrast Check

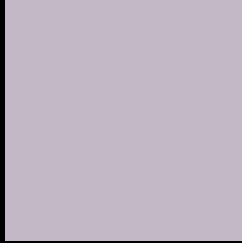
Large Text (above 18pt) WCAG AA × Fail

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, 8.423, 316.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

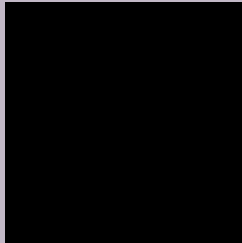
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

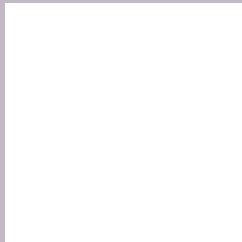
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.423, 316.456

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.423, 316.456.

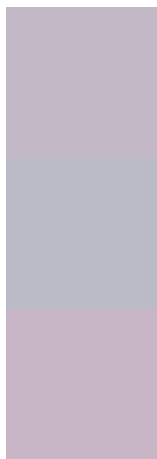


This preview shows how white text looks on a background with the CIELCh color 76, 8.423, 316.456.

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, 8.423, 316.456

Protanopia

76, 7.024, 293.778

Deuteranopia

76, 11.330, 326.445



Tritanopia
76, 8.909, 314.960

Trichromacy



Original Color
76, 8.423, 316.456

Protanomaly
76, 7.790, 304.294

Deuteranomaly
76, 10.262, 323.139

Tritanomaly
76, 8.909, 314.960

Monochromacy



Original Color
76, 8.423, 316.456

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, 8.423, 316.456 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(194, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 198)  
}
```

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(194, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.423, 316.456 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(194, 184, 198) }
```

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

```
.border{ border-color:rgb(194, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.423, 316.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 198) }
```

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

```
.background{ background-color: rgb(194,  
184, 198) }
```

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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