

Converting Colors

CIELCh(76, 9.401, 313.625)

Have a look what the booklet for
CIELCh(76, 9.401, 313.625) contains.

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Color

CIELCh(76, 9.401, 313.625)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8C8
RGB	194, 184, 200
RGB Percent	76%, 72%, 78%
CMY	0.2394, 0.2786, 0.2159
CMYK	0.03, 0.08, 0.00, 0.22
HSL	277°, 13%, 75%
HSV	277°, 8%, 78%
XYZ	49.7812, 49.8872, 61.6141
YIQ	188.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

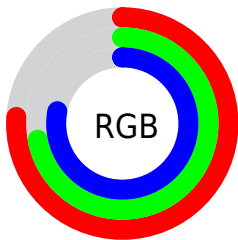
Format	Color
R_{YB}	194, 184, 200
Decimal	12761288
CIE Lab	76.00, 6.49, -6.81
CIE LCh	76, 9.401, 313.625
Yxy	49.8872, 0.3087, 0.3093
Android (android.graphics.Color)	4290951368 (0xFFC2B8C8)
YUV	188.8140, 5.5147, 4.5481
Hunter-Lab	70.6309, 2.2042, -2.2793

Details

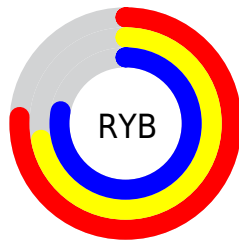
The CIELCh color `76, 9.401, 313.625` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 9.314, 132.994`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.640, 317.002`, and `56, 9.309, 312.890` is the 20% darker color. If you saturate the color by 10%, you get `70, 21.390, 314.066`, and if you desaturate by 10%, it is `82, 2.307, 133.300`.

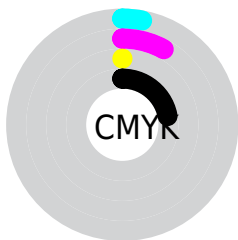
Distribution



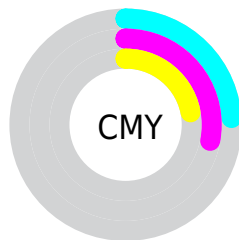
- Red (76%)
- Green (72%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.401, 313.625 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, 9.401, 313.625 by changing the saturation by 10% instead.

■ 76, 9.401, 313.625

■ 76, 9.401, 313.625

■ 100, 9.401,
313.625

■ 66, 9.401, 313.625

■ 96, 9.401, 313.625

■ 56, 9.401, 313.625

■ 46, 9.401, 313.625

■ 36, 9.401, 313.625

■ 26, 9.401, 313.625

■ 16, 9.401, 313.625

■ 6, 9.401, 313.625

■ 0, 9.401, 313.625

■ 76, 9.401, 313.625

■ 76, 9.401, 313.625

70, 21.390,
314.066

82, 2.307, 133.300

65, 33.595,
314.519

87, 13.693,
132.867

59, 45.885,
314.969

93, 24.746,
132.519

54, 58.043,
315.391

97, 30.217,
130.309

49, 69.728,
315.744

97, 29.231,
125.452

45, 80.443,
315.972

98, 28.474,
120.212

41, 89.543,
316.001

98, 27.978,
114.659

38, 96.336,
315.749

99, 27.768,
108.894

35, 100.500,

99, 27.762,
108.069

Harmonies

Complementary

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



76, 9.401, 313.625



79, 9.314, 132.994

Rectangle

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



76, 9.401, 313.625



76, 9.401, 3.625



76, 9.401, 133.625



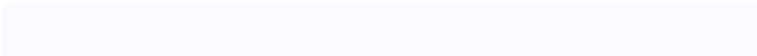
76, 9.401, 183.625

Sweetspot

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



76, 9.399, 313.623



99, 2.849, 313.326



77, 5.700, 268.013



53, 1.620, 313.318



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, 9.399, 313.623



93, 14.349, 313.718



76, 9.645, 328.217



39, 6.645, 313.684



28, 86.960, 315.205



3, 23.009, 310.772

Inverse Universe

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



76, 6.796, 351.636



93, 10.387, 351.858



79, 9.623, 147.327



39, 4.808, 351.779



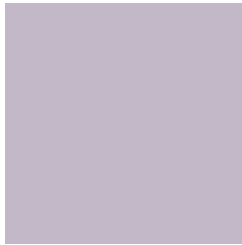
34, 60.975, 13.524



4, 16.892, 0.281

Previews

White Background



This preview shows how the CIELCh color 76, 9.401, 313.625 looks on a white background.

Color Contrast Check

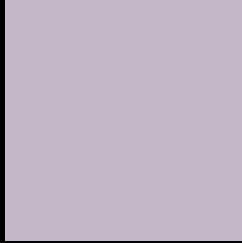
Large Text (above 18pt) WCAG AA × Fail

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, 9.401, 313.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

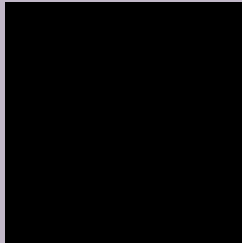
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

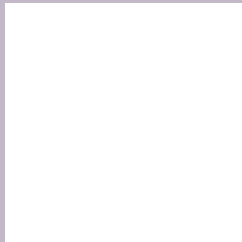
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.401, 313.625

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.401, 313.625.

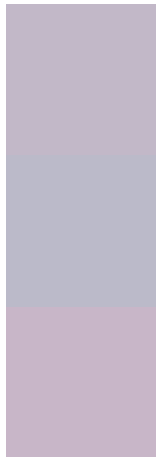


This preview shows how white text looks on a background with the CIELCh color 76, 9.401, 313.625.

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, 9.401, 313.625

Protanopia

76, 8.099, 293.474

Deuteranopia

76, 11.767, 324.910



Tritanopia
76, 8.909, 314.960

Trichromacy



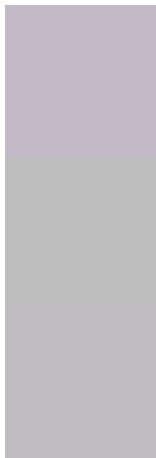
Original Color
76, 9.401, 313.625

Protanomaly
76, 8.840, 302.721

Deuteranomaly
76, 10.717, 321.596

Tritanomaly
76, 8.909, 314.960

Monochromacy



Original Color
76, 9.401, 313.625

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.570, 314.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.401, 313.625 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.401, 313.625 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, 200) }
```

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

```
.border{ border-color:rgb(194, 184, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.401, 313.625 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, 200) }
```

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

```
.background{ background-color: rgb(194,  
184, 200) }
```

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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