

Converting Colors

CIELCh(78, 4.648, 313.085)

Have a look what the booklet for
CIELCh(78, 4.648, 313.085) contains.

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Color

CIELCh(78, 4.685, 313.442)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFC7
RGB	196, 191, 199
RGB Percent	77%, 75%, 78%
CMY	0.2308, 0.2504, 0.2190
CMYK	0.02, 0.04, 0.00, 0.22
HSL	277°, 7%, 77%
HSV	277°, 4%, 78%
XYZ	51.7924, 53.2120, 61.6641
YIQ	193.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

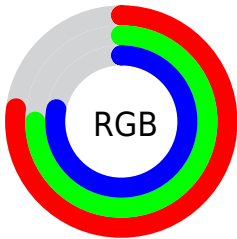
Format	Color
RYB	196, 191, 199
Decimal	12894151
CIELab	78.00, 3.22, -3.40
CIElCh	78, 4.685, 313.442
Yxy	53.2120, 0.3108, 0.3193
Android (android.graphics.Color)	4291084231 (0xFFC4BFC7)
YUV	193.4070, 2.7573, 2.2741
Hunter-Lab	72.9466, -0.9206, 0.9428

Details

The CIELCh color $78, 4.685, 313.442$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 4.648, 133.177$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 4.619, 317.378$, and $58, 4.294, 311.694$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.528, 313.886$, and if you desaturate by 10%, it is $84, 6.861, 133.098$.

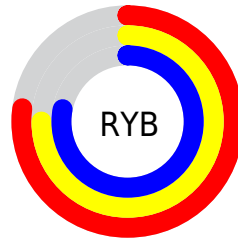
Distribution



Red (77%)

Green (75%)

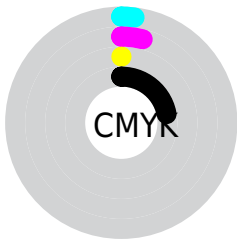
Blue (78%)



Red (77%)

Yellow (75%)

Blue (78%)

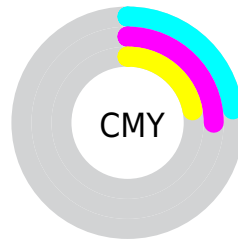


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 4.685, 313.442 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 78, 4.685, 313.442 by changing the saturation by 10% instead.

■ 78, 4.685, 313.442

■ 78, 4.685, 313.442

■ 100, 4.685,
313.442

■ 68, 4.685, 313.442

■ 98, 4.685, 313.442

■ 58, 4.685, 313.442

■ 48, 4.685, 313.442

■ 38, 4.685, 313.442

■ 28, 4.685, 313.442

■ 18, 4.685, 313.442

■ 8, 4.685, 313.442

■ 0, 4.685, 313.442

■ 78, 4.685, 313.442

■ 78, 4.685, 313.442

72, 16.528,
313.886

84, 6.861, 133.098

67, 28.620,
314.335

89, 18.078,
132.721

61, 40.857,
314.789

95, 28.963,
132.388

56, 53.061,
315.226

97, 30.294,
128.717

51, 64.947,
315.612

97, 29.381,
123.818

46, 76.084,
315.897

98, 28.703,
118.566

42, 85.883,
316.016

98, 28.288,
113.035

39, 93.652,
315.886

99, 28.159,
108.039

36, 98.793,

315.430

Harmonies

Complementary

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



78, 4.685, 313.442



80, 4.648, 133.177

Rectangle

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



78, 4.685, 313.442



78, 4.685, 3.442



78, 4.685, 133.442



78, 4.685, 183.442

Sweetspot

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



78, 4.683, 313.437



99, 1.428, 313.216



78, 2.851, 267.523



53, 0.812, 313.207



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 4.683, 313.437



97, 7.134, 313.488



78, 4.815, 327.956



40, 3.970, 313.513



28, 86.962, 315.203



3, 23.008, 310.768

Inverse Universe

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



78, 3.379, 351.194



97, 5.151, 351.318



80, 4.797, 147.606



40, 2.867, 351.380



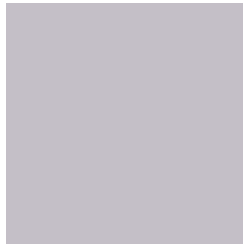
34, 60.974, 13.516



4, 16.892, 0.276

Previews

White Background



This preview shows how the CIE LCh color 78, 4.685, 313.442 looks on a white background.

Color Contrast Check

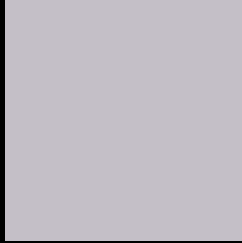
Large Text (above 18pt) WCAG AA × Fail

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 78, 4.685, 313.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

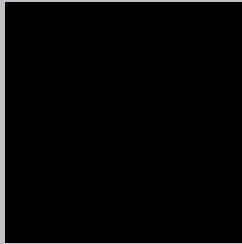
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

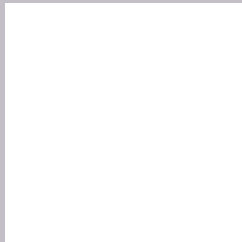
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 4.685, 313.442

Background



This preview shows how black text looks on a background with the CIELCh color 78, 4.685, 313.442.

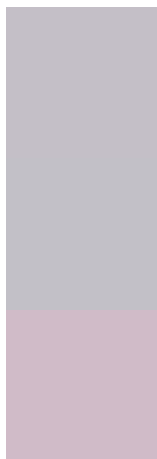


This preview shows how white text looks on a background with the CIELCh color 78, 4.685, 313.442.

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


78, 4.685, 313.442

Protanopia

78, 3.835, 301.457

Deuteranopia

78, 10.435, 338.468



Tritanopia
78, 8.466, 308.217

Trichromacy



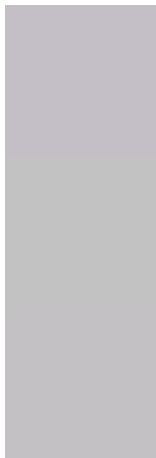
Original Color
78, 4.685, 313.442

Protanomaly
78, 3.925, 306.676

Deuteranomaly
78, 8.098, 333.413

Tritanomaly
78, 7.452, 310.656

Monochromacy



Original Color
78, 4.685, 313.442

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.781, 314.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 4.685, 313.442 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, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 199)  
}
```

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, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 4.685, 313.442 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, 191, 199) }
```

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

```
.border{ border-color:rgb(196, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 4.685, 313.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 199) }
```

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

```
.background{ background-color: rgb(196,  
191, 199) }
```

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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