

Converting Colors

CIELCh(78, 3.001, 324.437)

Have a look what the booklet for
CIELCh(78, 3.001, 324.437) contains.

CIELCh(78, 3.271, 324.503)	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(78, 3.271, 324.503)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFC4
RGB	196, 191, 196
RGB Percent	77%, 75%, 77%
CMY	0.2299, 0.2495, 0.2299
CMYK	0.00, 0.03, 0.00, 0.23
HSL	300°, 4%, 76%
HSV	300°, 3%, 77%
XYZ	51.5802, 53.2120, 59.9998
YIQ	193.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

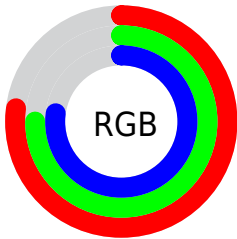
Format	Color
RYB	196, 191, 196
Decimal	12894148
CIELab	78.00, 2.66, -1.90
CIElCh	78, 3.271, 324.503
Yxy	53.2120, 0.3130, 0.3229
Android (android.graphics.Color)	4291084228 (0xFFC4BFC4)
YUV	193.0650, 1.4470, 2.5740
Hunter-Lab	72.9466, -1.4398, 2.2955

Details

The CIELCh color $78, 3.271, 324.503$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.252, 144.379$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.741, 324.491$, and $58, 2.777, 324.519$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.190, 325.109$, and if you desaturate by 10%, it is $83, 9.444, 144.071$.

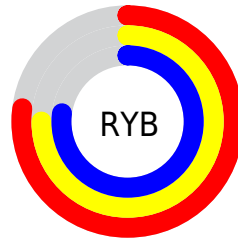
Distribution



Red (77%)

Green (75%)

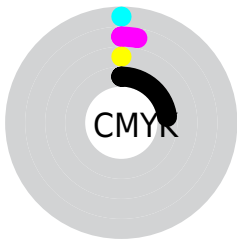
Blue (77%)



Red (77%)

Yellow (75%)

Blue (77%)

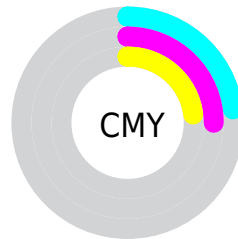


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.271, 324.503 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, 3.271, 324.503 by changing the saturation by 10% instead.

■ 78, 3.271, 324.503

■ 78, 3.271, 324.503

■ 100, 3.271,
324.503

■ 68, 3.271, 324.503

■ 98, 3.271, 324.503

■ 58, 3.271, 324.503

■ 48, 3.271, 324.503

■ 38, 3.271, 324.503

■ 28, 3.271, 324.503

■ 18, 3.271, 324.503

■ 8, 3.271, 324.503

■ 0, 3.271, 324.503

■ 78, 3.271, 324.503

■ 78, 3.271, 324.503

73, 16.190,
325.109

83, 9.444, 144.071

68, 29.168,
325.659

88, 21.856,
143.534

64, 41.978,
326.188

94, 33.915,
143.029

59, 54.303,
326.687

95, 36.753,
142.912

56, 65.735,
327.138

95, 36.753,
142.912

53, 75.791,
327.524

95, 36.753,
142.912

50, 83.984,
327.832

95, 36.753,
142.912

48, 89.927,
328.051

95, 36.753,
142.912

47, 93.474,

95, 36.753,
142.912

Harmonies

Complementary

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



78, 3.271, 324.503



79, 3.252, 144.379

Rectangle

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



78, 3.271, 324.503



78, 3.271, 14.503



78, 3.271, 144.503



78, 3.271, 194.503

Sweetspot

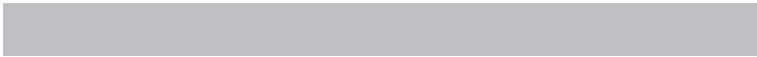
The Sweet Spot groups the original color and five complimentary colors.



78, 3.269, 324.503



99, 1.592, 324.303



78, 2.686, 290.447



53, 0.905, 324.290



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, 3.269, 324.503



98, 4.763, 324.543



78, 2.294, 343.682



41, 2.944, 324.594



39, 82.760, 328.233



4, 26.742, 327.026

Inverse Universe

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



78, 3.269, 324.503



98, 4.763, 324.543



79, 2.274, 163.621



41, 2.944, 324.594



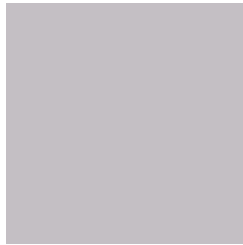
39, 82.760, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 78, 3.271, 324.503 looks on a white background.

Color Contrast Check

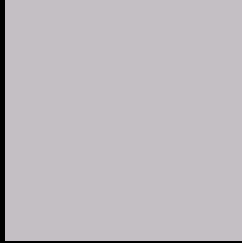
Large Text (above 18pt) WCAG AA × Fail

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, 3.271, 324.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

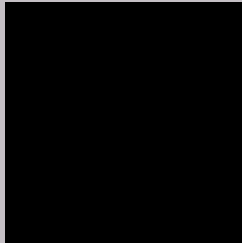
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

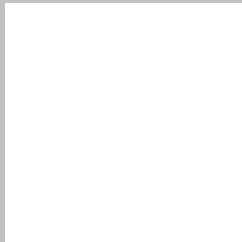
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.271, 324.503

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.271, 324.503.

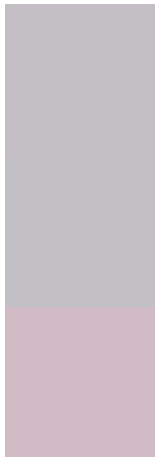


This preview shows how white text looks on a background with the CIELCh color 78, 3.271, 324.503.

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, 3.271, 324.503

Protanopia

78, 2.914, 312.536

Deuteranopia

78, 9.772, 347.051



Tritanopia
78, 8.583, 310.523

Trichromacy



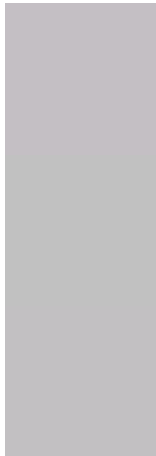
Original Color
78, 3.271, 324.503

Protanomaly
78, 2.914, 312.536

Deuteranomaly
78, 7.026, 342.429

Tritanomaly
78, 6.314, 310.849

Monochromacy



Original Color
78, 3.271, 324.503

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.314, 324.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.271, 324.503 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, 196)` looks like.

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

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, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 78, 3.271, 324.503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

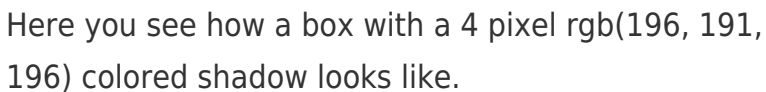
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 191, 196) }
```

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

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

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, 196)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 78, 3.271, 324.503 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, 196) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor