

Converting Colors

CIELCh(78, 5.192, 324.612)

Have a look what the booklet for
CIELCh(78, 5.192, 324.612) contains.

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Color

CIELCh(78, 4.571, 324.578)

Conversions

Conversions Part 1

Format	Color
Hex	C6BFC6
RGB	198, 191, 198
RGB Percent	78%, 75%, 78%
CMY	0.2244, 0.2518, 0.2244
CMYK	0.00, 0.04, 0.00, 0.22
HSL	300°, 6%, 76%
HSV	300°, 4%, 78%
XYZ	51.9842, 53.2120, 60.8269
YIQ	193.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

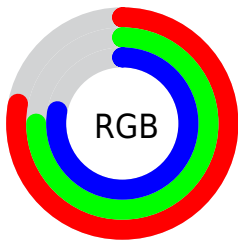
Format	Color
RYB	198, 191, 198
Decimal	13025222
CIELab	78.00, 3.72, -2.65
CIELCh	78, 4.571, 324.578
Yxy	53.2120, 0.3131, 0.3205
Android (android.graphics.Color)	4291215302 (0xFFC6BFC6)
YUV	193.8910, 2.0257, 3.6036
Hunter-Lab	72.9466, -0.4513, 1.6233

Details

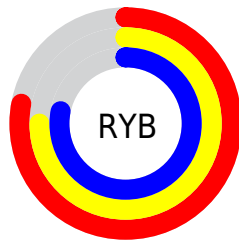
The CIELCh color $78, 4.571, 324.578$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 4.552, 144.300$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $58, 4.156, 324.615$ is the 20% darker color. If you saturate the color by 10%, you get $73, 17.579, 325.164$, and if you desaturate by 10%, it is $83, 8.244, 144.127$.

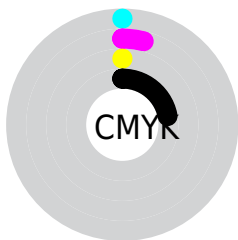
Distribution



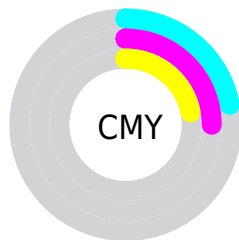
- Red (78%)
- Green (75%)
- Blue (78%)



- Red (78%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 4.571, 324.578 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, 4.571, 324.578 by changing the saturation by 10% instead.

 78, 4.571, 324.578

 78, 4.571, 324.578

 100, 4.571,
324.578

 68, 4.571, 324.578

 98, 4.571, 324.578

 58, 4.571, 324.578

 48, 4.571, 324.578

 38, 4.571, 324.578

 28, 4.571, 324.578

 18, 4.571, 324.578

 8, 4.571, 324.578

 0, 4.571, 324.578

 78, 4.571, 324.578

 78, 4.571, 324.578

73, 17.579,
325.164

83, 8.244, 144.127

68, 30.627,
325.712

88, 20.761,
143.584

64, 43.479,
326.240

94, 32.926,
143.077

59, 55.806,
326.734

95, 35.866,
142.956

56, 67.187,
327.180

95, 35.866,
142.956

53, 77.132,
327.559

95, 35.866,
142.955

50, 85.156,
327.858

95, 35.866,
142.955

48, 90.888,
328.068

95, 35.866,
142.955

47, 94.212,

95, 35.866,
142.955

Harmonies

Complementary

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



78, 4.571, 324.578



79, 4.552, 144.300

Rectangle

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



78, 4.571, 324.578



78, 4.571, 14.578



78, 4.571, 144.578



78, 4.571, 194.578

Sweetspot

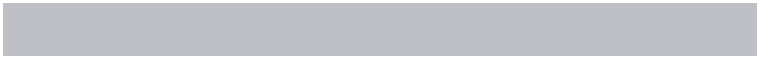
The Sweet Spot groups the original color and five complimentary colors.



78, 4.569, 324.578



99, 1.592, 324.302



77, 3.695, 289.878



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, 4.569, 324.578



97, 6.352, 324.614



78, 3.245, 342.925



41, 3.681, 324.655



39, 82.760, 328.232



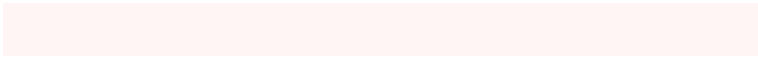
4, 26.742, 327.025

Inverse Universe

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



78, 2.597, 19.405



97, 3.617, 19.464



79, 3.220, 162.605



41, 2.101, 19.529



34, 74.644, 39.775



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIELCh color 78, 4.571, 324.578 looks on a white background.

Color Contrast Check

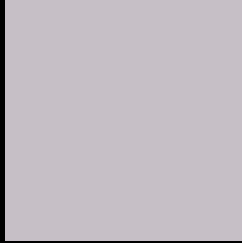
Large Text (above 18pt) WCAG AA × Fail

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, 4.571, 324.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

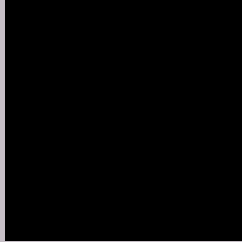
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

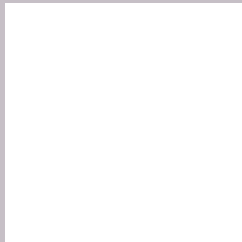
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 4.571, 324.578

Background



This preview shows how black text looks on a background with the CIELCh color 78, 4.571, 324.578.

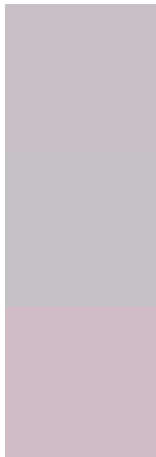


This preview shows how white text looks on a background with the CIELCh color 78, 4.571, 324.578.

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, 4.571, 324.578

Protanopia

78, 3.415, 309.165

Deuteranopia

78, 10.380, 342.087



Tritanopia
78, 8.714, 312.769

Trichromacy



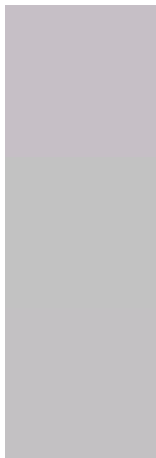
Original Color
78, 4.571, 324.578

Protanomaly
78, 3.553, 314.745

Deuteranomaly
78, 8.626, 337.060

Tritanomaly
78, 7.255, 317.518

Monochromacy



Original Color
78, 4.571, 324.578

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.313, 324.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 4.571, 324.578 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(198, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 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(198, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 4.571, 324.578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

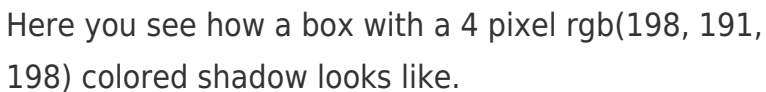
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 191, 198) }
```

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

```
.border{ border-color:rgb(198, 191, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 191, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 191, 198); box-shadow:4px 4px 4px 4px rgb(198, 191, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 4.571, 324.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 198) }
```

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

```
.background{ background-color: rgb(198,  
191, 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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