

Converting Colors

CIELCh(78, 3.938, 339.444)

Have a look what the booklet for
CIELCh(78, 3.938, 339.444) contains.

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Color

CIELCh(78, 3.666, 343.867)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFC3
RGB	199, 191, 195
RGB Percent	78%, 75%, 76%
CMY	0.2204, 0.2518, 0.2361
CMYK	0.00, 0.04, 0.02, 0.22
HSL	330°, 7%, 76%
HSV	330°, 4%, 78%
XYZ	51.9067, 53.2120, 59.0382
YIQ	193.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

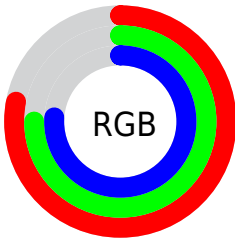
Format	Color
RYB	199, 191, 195
Decimal	13090755
CIELab	78.00, 3.52, -1.02
CIELCh	78, 3.666, 343.867
Yxy	53.2120, 0.3162, 0.3242
Android (android.graphics.Color)	4291280835 (0xFFC7BFC3)
YUV	193.8480, 0.5679, 4.5183
Hunter-Lab	72.9466, -0.6410, 3.0771

Details

The CIELCh color $78, 3.666, 343.867$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.634, 163.446$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.820, 337.601$, and $58, 3.246, 347.992$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.923, 344.824$, and if you desaturate by 10%, it is $83, 5.349, 163.277$.

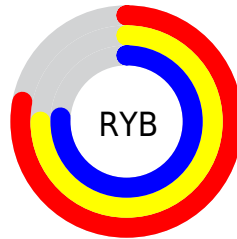
Distribution



Red (78%)

Green (75%)

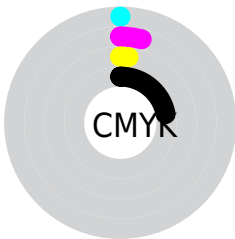
Blue (76%)



Red (78%)

Yellow (75%)

Blue (76%)

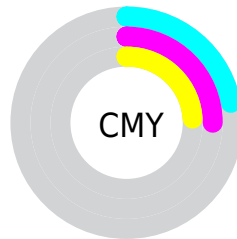


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.666, 343.867 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, 3.666, 343.867 by changing the saturation by 10% instead.

■ 78, 3.666, 343.867

■ 78, 3.666, 343.867

■ 100, 3.666,
343.867

■ 68, 3.666, 343.867

■ 98, 3.666, 343.867

■ 58, 3.666, 343.867

■ 48, 3.666, 343.867

■ 38, 3.666, 343.867

■ 28, 3.666, 343.867

■ 18, 3.666, 343.867

■ 8, 3.666, 343.867

■ 0, 3.666, 343.867

■ 78, 3.666, 343.867

■ 78, 3.666, 343.867

73, 12.923,
344.824

83, 5.349, 163.277

68, 22.339,
345.802

89, 14.070,
162.510

63, 31.758,
346.896

94, 22.484,
161.837

58, 40.939,
348.152

96, 22.035,
169.599

54, 49.537,
349.628

96, 19.715,
182.285

50, 57.111,
351.407

96, 18.500,
197.396

47, 63.180,
353.608

96, 18.471,
198.284

45, 67.353,
356.379

43, 69.515,

359.881

Harmonies

Complementary

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



78, 3.666, 343.867



79, 3.634, 163.446

Rectangle

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



78, 3.666, 343.867



78, 3.666, 33.867



78, 3.666, 163.867



78, 3.666, 213.867

Sweetspot

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



78, 3.664, 343.878



99, 1.116, 343.307



78, 4.550, 309.217



53, 0.635, 343.281



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, 3.664, 343.878



97, 5.582, 343.988



78, 2.970, 19.462



40, 3.107, 344.043



35, 60.734, 1.580



4, 17.855, 352.995

Inverse Universe

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



78, 3.664, 343.878



97, 5.582, 343.988



80, 2.896, 199.373



40, 3.107, 344.043



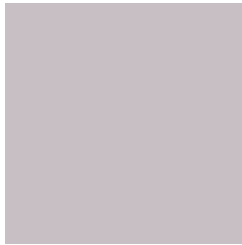
35, 60.734, 1.580



4, 17.855, 352.995

Previews

White Background



This preview shows how the CIELCh color 78, 3.666, 343.867 looks on a white background.

Color Contrast Check

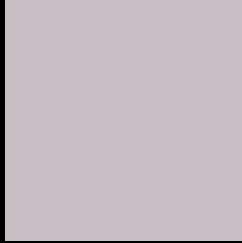
Large Text (above 18pt) WCAG AA × Fail

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, 3.666, 343.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

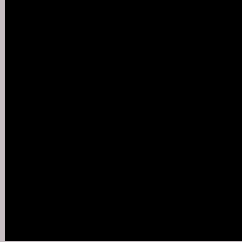
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

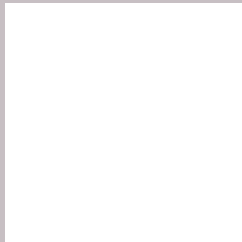
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.666, 343.867

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.666, 343.867.

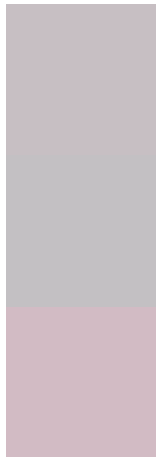


This preview shows how white text looks on a background with the CIELCh color 78, 3.666, 343.867.

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, 3.666, 343.867

Protanopia

78, 1.966, 324.397

Deuteranopia

78, 9.824, 350.915



Tritanopia
78, 9.022, 317.066

Trichromacy



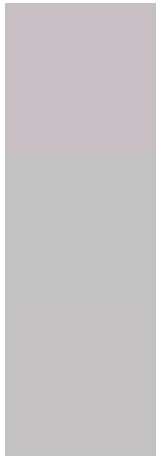
Original Color
78, 3.666, 343.867

Protanomaly
78, 2.196, 332.325

Deuteranomaly
78, 7.946, 347.466

Tritanomaly
78, 6.969, 322.202

Monochromacy



Original Color
78, 3.666, 343.867

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.238, 353.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.666, 343.867 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(199, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 195)  
}
```

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(199, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.666, 343.867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

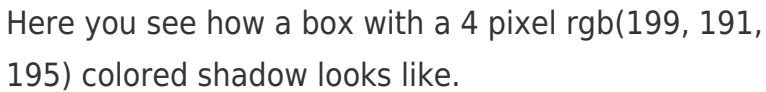
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 191, 195) }
```

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

```
.border{ border-color:rgb(199, 191, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 191, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 191, 195); box-shadow:4px 4px 4px 4px rgb(199, 191, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.666, 343.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 195) }
```

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

```
.background{ background-color: rgb(199,  
191, 195) }
```

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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