

Converting Colors

CIELCh(78, 4.120, 343.917)

Have a look what the booklet for
CIELCh(78, 4.120, 343.917) contains.

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Color

CIELCh(78, 3.972, 347.035)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFC3
RGB	200, 191, 195
RGB Percent	78%, 75%, 76%
CMY	0.2174, 0.2527, 0.2370
CMYK	0.00, 0.05, 0.03, 0.22
HSL	333°, 8%, 76%
HSV	333°, 5%, 78%
XYZ	52.0398, 53.2120, 58.8998
YIQ	194.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

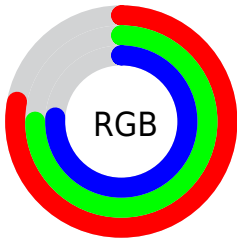
Format	Color
R _Y B	200, 191, 195
Decimal	13156291
CIE Lab	78.00, 3.87, -0.89
CIE LCh	78, 3.972, 347.035
Yxy	53.2120, 0.3170, 0.3242
Android (android.graphics.Color)	4291346371 (0xFFC8BFC3)
YUV	194.1470, 0.4205, 5.1331
Hunter-Lab	72.9466, -0.3152, 3.1896

Details

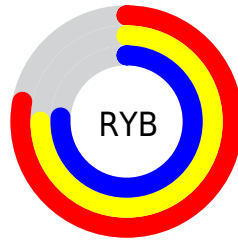
The CIELCh color $78, 3.972, 347.035$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 3.931, 166.494$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.820, 337.601$, and $58, 3.587, 351.359$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.953, 348.041$, and if you desaturate by 10%, it is $83, 4.746, 166.417$.

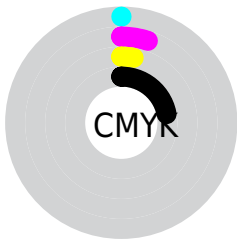
Distribution



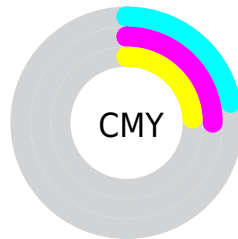
- Red (78%)
- Green (75%)
- Blue (76%)



- Red (78%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.972, 347.035 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, 3.972, 347.035 by changing the saturation by 10% instead.

■ 78, 3.972, 347.035

■ 78, 3.972, 347.035

■ 100, 3.972,
347.035

■ 68, 3.972, 347.035

■ 98, 3.972, 347.035

■ 58, 3.972, 347.035

■ 48, 3.972, 347.035

■ 38, 3.972, 347.035

■ 28, 3.972, 347.035

■ 18, 3.972, 347.035

■ 8, 3.972, 347.035

■ 0, 3.972, 347.035

■ 78, 3.972, 347.035

■ 78, 3.972, 347.035

73, 12.953,
348.041

83, 4.746, 166.417

67, 22.121,
349.091

89, 13.156,
165.610

62, 31.327,
350.283

95, 21.250,
164.912

58, 40.338,
351.671

96, 20.674,
174.581

54, 48.819,
353.328

96, 18.649,
190.353

50, 56.341,
355.357

96, 18.234,
198.299

47, 62.442,
357.895

45, 66.764, 1.111

43, 69.249, 5.168

Harmonies

Complementary

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



78, 3.972, 347.035



80, 3.931, 166.494

Rectangle

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



78, 3.972, 347.035



78, 3.972, 37.035



78, 3.972, 167.035



78, 3.972, 217.035

Sweetspot

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



78, 3.970, 347.047



99, 1.075, 346.380



78, 5.173, 310.959



53, 0.611, 346.351



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, 3.970, 347.047



97, 5.379, 347.108



78, 3.184, 23.808



40, 2.994, 347.167



35, 60.457, 6.870



4, 17.366, 356.329

Inverse Universe

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



78, 3.970, 347.047



97, 5.379, 347.108



80, 3.095, 203.794



40, 2.994, 347.167



35, 60.457, 6.870



4, 17.366, 356.329

Previews

White Background



This preview shows how the CIELCh color 78, 3.972, 347.035 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, 3.972, 347.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

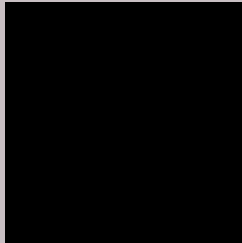
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

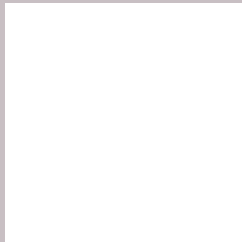
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.972, 347.035

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.972, 347.035.

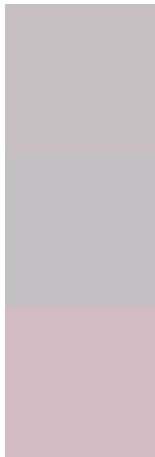


This preview shows how white text looks on a background with the CIELCh color 78, 3.972, 347.035.

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, 3.972, 347.035

Protanopia

78, 1.966, 324.397

Deuteranopia

78, 9.584, 353.717



Tritanopia
78, 9.190, 319.111

Trichromacy



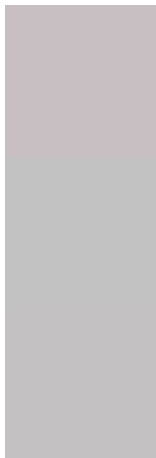
Original Color
78, 3.972, 347.035

Protanomaly
78, 3.099, 335.765

Deuteranomaly
78, 7.678, 350.839

Tritanomaly
78, 6.969, 322.202

Monochromacy



Original Color
78, 3.972, 347.035

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, 3.972, 347.035 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(200, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.972, 347.035 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(200, 191, 195) }
```

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

```
.border{ border-color:rgb(200, 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(200, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.972, 347.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 195) }
```

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

```
.background{ background-color: rgb(200,  
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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