

Converting Colors

CIELCh(78, 4.283, 164.434)

Have a look what the booklet for
CIELCh(78, 4.283, 164.434) contains.

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Color

CIELCh(78, 3.952, 166.472)

Conversions

Conversions Part 1

Format	Color
Hex	BAC3BF
RGB	186, 195, 191
RGB Percent	73%, 76%, 75%
CMY	0.2707, 0.2354, 0.2511
CMYK	0.05, 0.00, 0.02, 0.24
HSL	153°, 7%, 75%
HSV	153°, 5%, 76%
XYZ	49.1511, 53.2120, 56.9530
YIQ	191.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

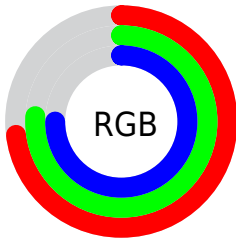
Format	Color
R _Y B	186, 192, 195
Decimal	12239807
CIE Lab	78.00, -3.84, 0.92
CIE LCh	78, 3.952, 166.472
Yxy	53.2120, 0.3085, 0.3340
Android (android.graphics.Color)	4290429887 (0xFFBAC3BF)
YUV	191.8530, -0.4205, -5.1331
Hunter-Lab	72.9466, -7.3838, 4.7719

Details

The CIELCh color $78, 3.952, 166.472$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.993, 347.036$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 4.348, 163.435$, and $58, 3.562, 170.585$ is the 20% darker color. If you saturate the color by 10%, you get $76, 12.513, 165.485$, and if you desaturate by 10%, it is $80, 4.612, 347.091$.

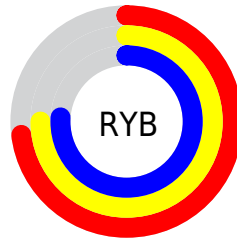
Distribution



Red (73%)

Green (76%)

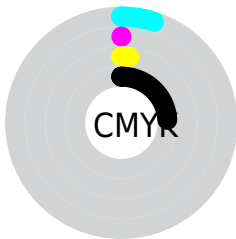
Blue (75%)



Red (73%)

Yellow (75%)

Blue (76%)

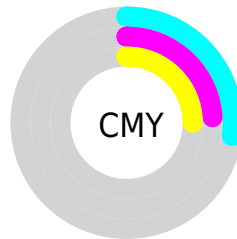


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.952, 166.472 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, 3.952, 166.472 by changing the saturation by 10% instead.

■ 78, 3.952, 166.472

■ 78, 3.952, 166.472

■ 100, 3.952,
166.472

■ 68, 3.952, 166.472

■ 98, 3.952, 166.472

■ 58, 3.952, 166.472

■ 48, 3.952, 166.472

■ 38, 3.952, 166.472

■ 28, 3.952, 166.472

■ 18, 3.952, 166.472

■ 8, 3.952, 166.472

■ 0, 3.952, 166.472

■ 78, 3.952, 166.472

■ 78, 3.952, 166.472

76, 12.513,
165.485

80, 4.612, 347.091

75, 20.965,
164.477

82, 13.107,
347.912

74, 29.187,
163.366

84, 21.469,
348.632

73, 37.042,
162.125

85, 26.981,
345.164

72, 44.387,
160.730

85, 29.688,
337.917

71, 51.088,
159.155

85, 32.819,
332.040

70, 57.040,
157.380

86, 36.257,
327.304

70, 62.188,
155.392

86, 37.647,
325.732

70, 66.555,

Harmonies

Complementary

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



78, 3.952, 166.472



76, 3.993, 347.036

Rectangle

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



78, 3.952, 166.472



78, 3.952, 216.472



78, 3.952, 346.472



78, 3.952, 36.472

Sweetspot

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



78, 3.954, 166.461



99, 1.050, 167.144



78, 5.158, 130.629



53, 0.602, 167.173



0, 0.000, 0.000



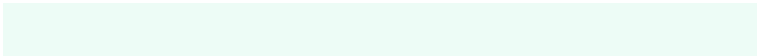
53, 0.007, 296.813

Same Dimension

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



78, 3.954, 166.461



98, 6.339, 166.307



78, 3.111, 203.786



40, 3.383, 166.261



58, 59.100, 152.372



10, 17.717, 159.002

Inverse Universe

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



76, 3.993, 347.036



95, 6.412, 347.191



76, 3.203, 23.817



39, 3.424, 347.237



34, 59.760, 6.766



3, 15.392, 355.608

Previews

White Background



This preview shows how the CIE LCh color 78, 3.952, 166.472 looks on a white background.

Color Contrast Check

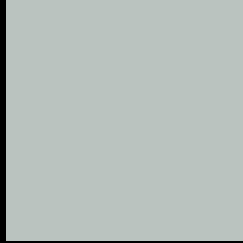
Large Text (above 18pt) WCAG AA × Fail

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, 3.952, 166.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

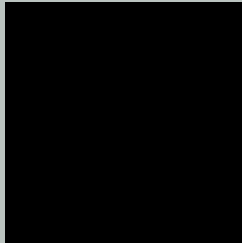
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

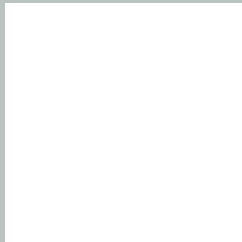
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.952, 166.472

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.952, 166.472.



This preview shows how white text looks on a background with the CIELCh color 78, 3.952, 166.472.

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

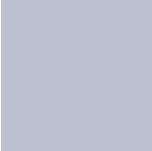
78, 3.952, 166.472

Protanopia

78, 2.439, 60.283

Deuteranopia

78, 9.537, 0.563



Tritanopia
78, 8.622, 283.888

Trichromacy



Original Color
78, 3.952, 166.472

Protanomaly
78, 1.594, 109.992

Deuteranomaly
78, 4.597, 6.239

Tritanomaly
78, 5.116, 270.118

Monochromacy



Original Color
78, 3.952, 166.472

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.226, 173.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.952, 166.472 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(186, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 191)  
}
```

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(186, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.952, 166.472 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(186, 195, 191) }
```

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

```
.border{ border-color:rgb(186, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.952, 166.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 191) }
```

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

```
.background{ background-color: rgb(186,  
195, 191) }
```

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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