

Converting Colors

CIELCh(78, 3.841, 0.521)

Have a look what the booklet for
CIELCh(78, 3.841, 0.521) contains.

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Color

CIELCh(78, 3.513, 1.838)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFC1
RGB	200, 191, 193
RGB Percent	78%, 75%, 76%
CMY	0.2168, 0.2521, 0.2443
CMYK	0.00, 0.05, 0.04, 0.22
HSL	347°, 8%, 77%
HSV	347°, 5%, 78%
XYZ	51.9027, 53.2120, 57.8181
YIQ	193.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

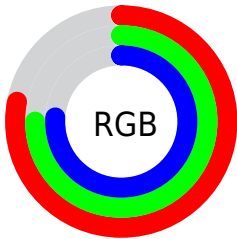
Format	Color
R_{YB}	200, 191, 193
Decimal	13156289
CIE _{Lab}	78.00, 3.51, 0.11
CIE _{LCh}	78, 3.513, 1.838
Yxy	53.2120, 0.3186, 0.3266
Android (android.graphics.Color)	4291346369 (0xFFC8BFC1)
YUV	193.9190, -0.4531, 5.3330
Hunter-Lab	72.9466, -0.6507, 4.0688

Details

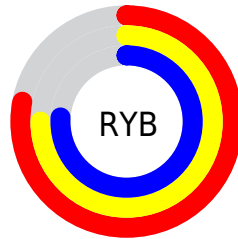
The CIELCh color **78, 3.513, 1.838** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 3.448, 181.337**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 3.011, 359.612**, and **58, 3.356, 359.896** is the 20% darker color. If you saturate the color by 10%, you get **73, 11.587, 2.970**, and if you desaturate by 10%, it is **84, 4.164, 181.252**.

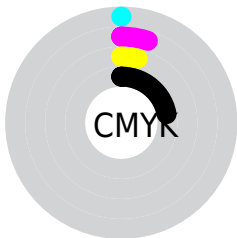
Distribution



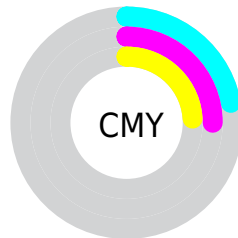
- Red (78%)
- Green (75%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.513, 1.838 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, 3.513, 1.838 by changing the saturation by 10% instead.

 78, 3.513, 1.838

 78, 3.513, 1.838

 100, 3.513, 1.838

 68, 3.513, 1.838

 98, 3.513, 1.838

 58, 3.513, 1.838

 48, 3.513, 1.838

 38, 3.513, 1.838

 28, 3.513, 1.838

 18, 3.513, 1.838

 8, 3.513, 1.838

 0, 3.513, 1.838

 78, 3.513, 1.838

 78, 3.513, 1.838

73, 11.587, 2.970

84, 4.164, 181.252

67, 20.031, 4.178

89, 11.436,
180.411

62, 28.755, 5.613

95, 18.323,
179.718

57, 37.599, 7.363

53, 46.310, 9.540

96, 18.196,
198.083

49, 54.556, 12.287

96, 18.190,
198.302

46, 61.987, 15.760

44, 68.359, 20.080

42, 73.678, 25.206

Harmonies

Complementary

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



78, 3.513, 1.838



80, 3.448, 181.337

Rectangle

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



78, 3.513, 1.838



78, 3.513, 51.838



78, 3.513, 181.838



78, 3.513, 231.838

Sweetspot

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



78, 3.511, 1.860



99, 0.946, 1.045



78, 5.468, 317.961



53, 0.538, 1.008



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, 3.511, 1.860



97, 4.760, 1.929



79, 2.753, 47.030



40, 2.651, 1.995



34, 65.323, 27.186



3, 16.245, 8.062

Inverse Universe

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



78, 3.511, 1.860



97, 4.760, 1.929



79, 2.690, 227.890



40, 2.651, 1.995



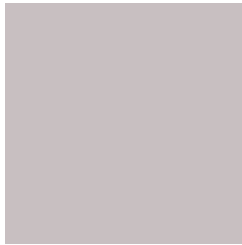
34, 65.323, 27.186



3, 16.245, 8.062

Previews

White Background



This preview shows how the CIELCh color 78, 3.513, 1.838 looks on a white background.

Color Contrast Check

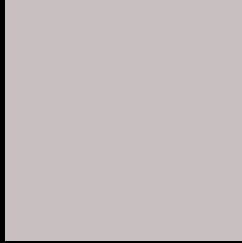
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 3.513, 1.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

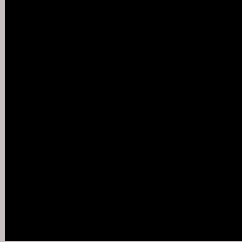
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

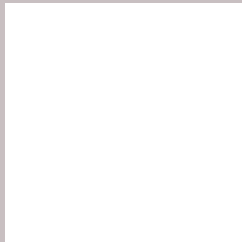
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.513, 1.838

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.513, 1.838.

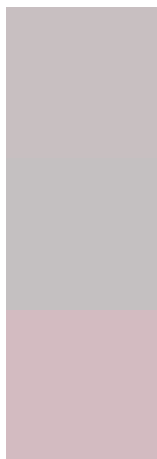


This preview shows how white text looks on a background with the CIELCh color 78, 3.513, 1.838.

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, 3.513, 1.838

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 9.537, 0.563



Tritanopia
78, 9.190, 319.111

Trichromacy



Original Color

78, 3.513, 1.838

Protanomaly

78, 1.931, 3.216

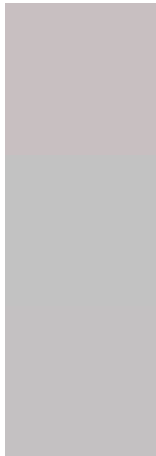
Deuteranomaly

78, 7.582, 359.371

Tritanomaly

78, 6.736, 327.268

Monochromacy



Original Color

78, 3.513, 1.838

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, 3.513, 1.838 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.513, 1.838 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, 193) }
```

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

```
.border{ border-color:rgb(200, 191, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.513, 1.838 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, 193) }
```

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

```
.background{ background-color: rgb(200,  
191, 193) }
```

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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