

Converting Colors

CIELCh(78, 5.945, 83.237)

Have a look what the booklet for
CIELCh(78, 5.945, 83.237) contains.

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Color

CIELCh(78, 5.939, 83.209)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0B6
RGB	199, 192, 182
RGB Percent	78%, 75%, 71%
CMY	0.2196, 0.2471, 0.2863
CMYK	0.00, 0.04, 0.09, 0.22
HSL	35°, 13%, 75%
HSV	35°, 9%, 78%
XYZ	50.8399, 53.2120, 51.8414
YIQ	192.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

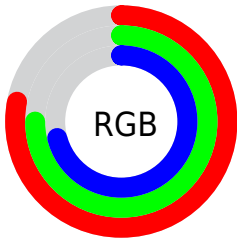
Format	Color
RYB	194, 199, 182
Decimal	13090998
CIELab	78.00, 0.70, 5.90
CIELCh	78, 5.939, 83.209
Yxy	53.2120, 0.3261, 0.3413
Android (android.graphics.Color)	4291281078 (0xFFC7C0B6)
YUV	192.9530, -5.3998, 5.3032
Hunter-Lab	72.9466, -3.2515, 8.9266

Details

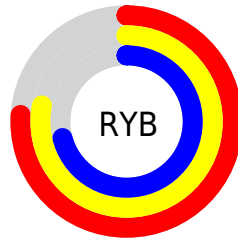
The CIELCh color **78, 5.939, 83.209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 5.893, 265.531**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 5.650, 83.422**, and **58, 6.148, 86.262** is the 20% darker color. If you saturate the color by 10%, you get **75, 13.110, 81.962**, and if you desaturate by 10%, it is **81, 1.007, 264.829**.

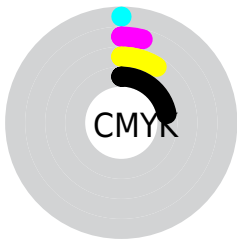
Distribution



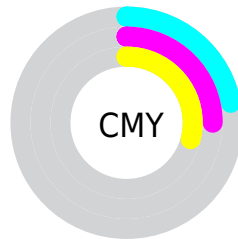
- Red (78%)
- Green (75%)
- Blue (71%)



- Red (76%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.939, 83.209 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, 5.939, 83.209 by changing the saturation by 10% instead.

 78, 5.939, 83.209

 78, 5.939, 83.209

 100, 5.939, 83.209

 68, 5.939, 83.209

 98, 5.939, 83.209

 58, 5.939, 83.209

 48, 5.939, 83.209

 38, 5.939, 83.209

 28, 5.939, 83.209

 18, 5.939, 83.209

 8, 5.939, 83.209

 0, 5.939, 83.209

 78, 5.939, 83.209

 78, 5.939, 83.209

75, 13.110, 81.962

81, 1.007, 264.829

73, 20.508, 80.640

83, 7.746, 265.781

70, 28.126, 79.279

86, 14.295,
266.923

68, 35.919, 77.880

88, 17.648,
262.940

66, 43.779, 76.430

63, 51.484, 74.891

91, 15.702,
245.955

61, 58.604, 73.175

93, 15.369,
226.569

59, 64.427, 71.108

57, 68.319, 68.509

95, 16.701,
208.548

96, 18.409,
198.288

Harmonies

Complementary

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



78, 5.939, 83.209



76, 5.893, 265.531

Rectangle

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



78, 5.939, 83.209



78, 5.939, 133.209



78, 5.939, 263.209



78, 5.939, 313.209

Sweetspot

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



78, 5.940, 83.230



99, 2.523, 83.832



76, 7.420, 349.102



53, 1.917, 83.760



0, 0.000, 0.000



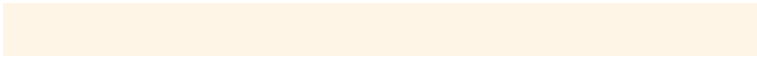
53, 0.007, 296.813

Same Dimension

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



78, 5.940, 83.230



97, 8.527, 83.033



80, 9.038, 112.745



41, 3.947, 83.127



47, 59.375, 68.679



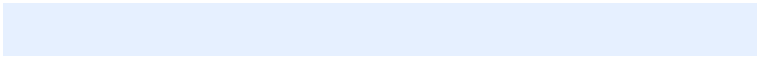
8, 13.246, 68.846

Inverse Universe

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



76, 5.893, 265.531



94, 8.438, 265.752



75, 9.221, 294.206



40, 3.911, 265.645



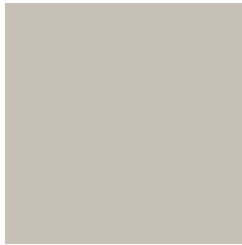
31, 60.687, 291.191



4, 15.449, 276.781

Previews

White Background



This preview shows how the CIELCh color 78, 5.939, 83.209 looks on a white background.

Color Contrast Check

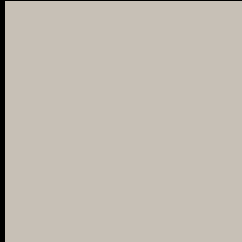
Large Text (above 18pt) WCAG AA × Fail

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, 5.939, 83.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

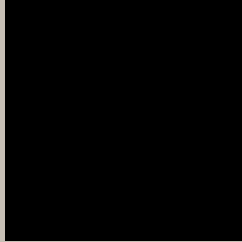
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

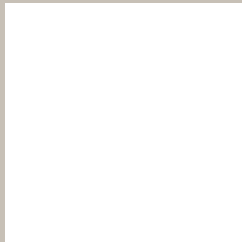
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.939, 83.209

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.939, 83.209.

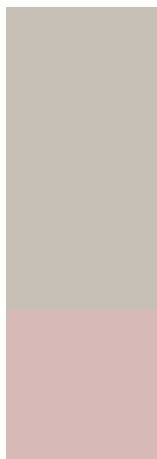


This preview shows how white text looks on a background with the CIELCh color 78, 5.939, 83.209.

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, 5.939, 83.209

Protanopia

78, 5.939, 83.209

Deuteranopia

78, 11.207, 28.413



Tritanopia
78, 9.370, 321.084

Trichromacy



Original Color
78, 5.939, 83.209

Protanomaly
78, 5.939, 83.209

Deuteranomaly
78, 8.426, 38.352

Tritanomaly
78, 5.200, 341.635

Monochromacy



Original Color
78, 5.939, 83.209

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.246, 90.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.939, 83.209 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, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 182)  
}
```

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, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.939, 83.209 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, 192, 182) }
```

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

```
.border{ border-color:rgb(199, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 192, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 192, 182); box-shadow:4px 4px 4px 4px rgb(199, 192, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.939, 83.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 182) }
```

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

```
.background{ background-color: rgb(199,  
192, 182) }
```

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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