

Converting Colors

CIELCh(79, 3.989, 87.825)

Have a look what the booklet for
CIELCh(79, 3.989, 87.825) contains.

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Color

CIELCh(79, 3.999, 87.876)

Conversions

Conversions Part 1

Format	Color
Hex	C7C3BC
RGB	199, 195, 188
RGB Percent	78%, 76%, 74%
CMY	0.2188, 0.2345, 0.2620
CMYK	0.00, 0.02, 0.06, 0.22
HSL	38°, 9%, 76%
HSV	38°, 6%, 78%
XYZ	52.2645, 54.9284, 55.5360
YIQ	195.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

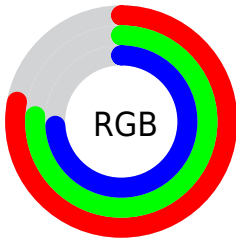
Format	Color
RYB	194, 199, 188
Decimal	13091772
CIELab	79.00, 0.15, 4.00
CIELCh	79, 3.999, 87.876
Yxy	54.9284, 0.3212, 0.3375
Android (android.graphics.Color)	4291281852 (0xFFC7C3BC)
YUV	195.3980, -3.6472, 3.1590
Hunter-Lab	74.1137, -3.8219, 7.4515

Details

The CIELCh color $79, 3.999, 87.876$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.003, 269.424$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.181, 95.099$, and $59, 3.731, 84.515$ is the 20% darker color. If you saturate the color by 10%, you get $77, 11.400, 86.672$, and if you desaturate by 10%, it is $81, 3.217, 269.280$.

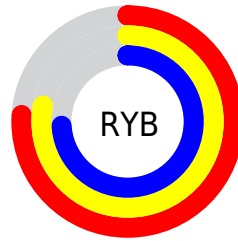
Distribution



Red (78%)

Green (76%)

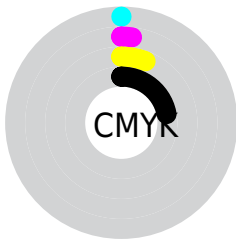
Blue (74%)



Red (76%)

Yellow (78%)

Blue (74%)

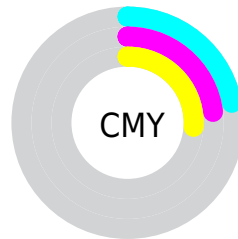


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.999, 87.876 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 79, 3.999, 87.876 by changing the saturation by 10% instead.

■ 79, 3.999, 87.876

■ 79, 3.999, 87.876

■ 100, 3.999, 87.876

■ 69, 3.999, 87.876

■ 99, 3.999, 87.876

■ 59, 3.999, 87.876

■ 49, 3.999, 87.876

■ 39, 3.999, 87.876

■ 29, 3.999, 87.876

■ 19, 3.999, 87.876

■ 9, 3.999, 87.876

■ 0, 3.999, 87.876

■ 79, 3.999, 87.876

■ 79, 3.999, 87.876

77, 11.400, 86.672

81, 3.217, 269.280

74, 18.982, 85.365

84, 10.262,
270.405

72, 26.732, 84.013

86, 17.147,
271.523

70, 34.604, 82.620

68, 42.494, 81.179

88, 17.814,
264.219

66, 50.196, 79.665

90, 15.915,
249.633

64, 57.326, 78.019

62, 63.251, 76.120

92, 15.232,
232.673

60, 67.159, 73.767

94, 15.892,
215.831

96, 17.715,
201.506

96, 18.344,
198.292

Harmonies

Complementary

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



79, 3.999, 87.876



78, 4.003, 269.424

Rectangle

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



79, 3.999, 87.876



79, 3.999, 137.876



79, 3.999, 267.876



79, 3.999, 317.876

Sweetspot

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



79, 4.000, 87.904



99, 1.756, 88.225



77, 4.636, 351.911



53, 0.998, 88.228



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 4.000, 87.904



98, 6.210, 87.721



80, 5.867, 114.991



41, 3.291, 87.673



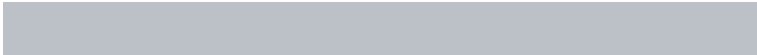
49, 59.083, 73.134



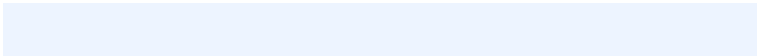
9, 13.641, 75.039

Inverse Universe

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



78, 4.003, 269.424



96, 6.203, 269.622



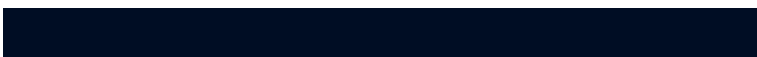
77, 5.952, 295.842



40, 3.286, 269.674



29, 66.039, 294.470



4, 16.203, 279.491

Previews

White Background



This preview shows how the CIE LCh color 79, 3.999, 87.876 looks on a white background.

Color Contrast Check

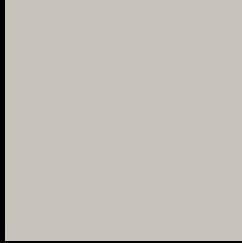
Large Text (above 18pt) WCAG AA × Fail

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 79, 3.999, 87.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

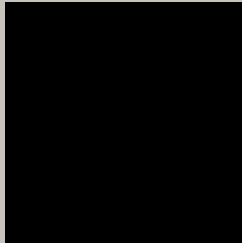
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

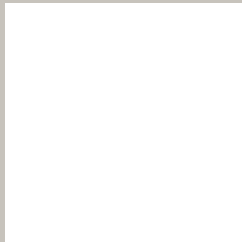
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.999, 87.876

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.999, 87.876.

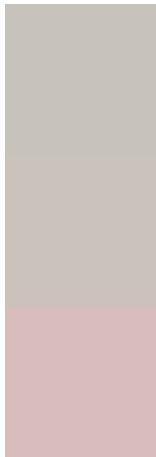


This preview shows how white text looks on a background with the CIELCh color 79, 3.999, 87.876.

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

79, 3.999, 87.876

Protanopia

79, 4.331, 78.588

Deuteranopia

79, 10.599, 20.210



Tritanopia
79, 8.841, 314.948

Trichromacy



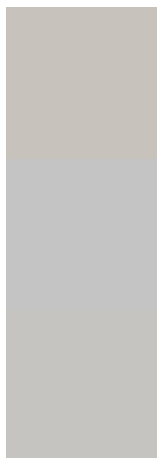
Original Color
79, 3.999, 87.876

Protanomaly
79, 4.151, 83.049

Deuteranomaly
79, 7.609, 27.942

Tritanomaly
79, 4.780, 328.214

Monochromacy



Original Color
79, 3.999, 87.876

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.628, 96.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.999, 87.876 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, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 188)  
}
```

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, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.999, 87.876 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, 195, 188) }
```

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

```
.border{ border-color:rgb(199, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.999, 87.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 188) }
```

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

```
.background{ background-color: rgb(199,  
195, 188) }
```

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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