

Converting Colors

CIELCh(79, 4.760, 93.061)

Have a look what the booklet for
CIELCh(79, 4.760, 93.061) contains.

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Color

CIELCh(79, 4.499, 90.333)

Conversions

Conversions Part 1

Format	Color
Hex	C7C3BB
RGB	199, 195, 187
RGB Percent	78%, 76%, 73%
CMY	0.2185, 0.2342, 0.2656
CMYK	0.00, 0.02, 0.06, 0.22
HSL	40°, 10%, 76%
HSV	40°, 6%, 78%
XYZ	52.1978, 54.9284, 55.0136
YIQ	195.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

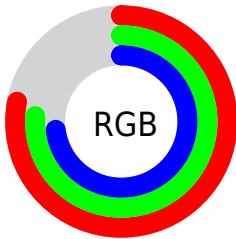
Format	Color
R_{YB}	193, 199, 187
Decimal	13091771
CIE Lab	79.00, -0.03, 4.50
CIE LCh	79, 4.499, 90.333
Yxy	54.9284, 0.3219, 0.3388
Android (android.graphics.Color)	4291281851 (0xFFC7C3BB)
YUV	195.2840, -4.0840, 3.2589
Hunter-Lab	74.1137, -3.9826, 7.8694

Details

The CIELCh color $79, 4.499, 90.333$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.510, 271.964$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.674, 96.630$, and $59, 4.252, 87.656$ is the 20% darker color. If you saturate the color by 10%, you get $77, 12.113, 89.129$, and if you desaturate by 10%, it is $81, 2.953, 271.709$.

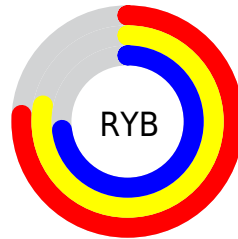
Distribution



Red (78%)

Green (76%)

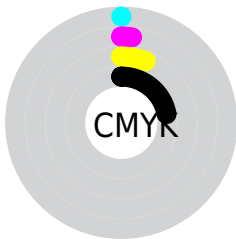
Blue (73%)



Red (76%)

Yellow (78%)

Blue (73%)

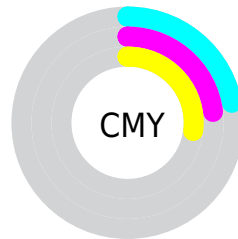


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.499, 90.333 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, 4.499, 90.333 by changing the saturation by 10% instead.

 79, 4.499, 90.333

 79, 4.499, 90.333

 100, 4.499, 90.333

 69, 4.499, 90.333

 99, 4.499, 90.333

 59, 4.499, 90.333

 49, 4.499, 90.333

 39, 4.499, 90.333

 29, 4.499, 90.333

 19, 4.499, 90.333

 9, 4.499, 90.333

 0, 4.499, 90.333

 79, 4.499, 90.333

 79, 4.499, 90.333

77, 12.113, 89.129

81, 2.953, 271.709

75, 19.881, 87.832

84, 10.252,
272.818

73, 27.780, 86.491

86, 17.403,
273.923

71, 35.752, 85.109

69, 43.678, 83.681

88, 18.628,
268.289

67, 51.328, 82.182

89, 16.543,
255.989

65, 58.292, 80.561

63, 63.921, 78.709

91, 15.383,
241.181

61, 67.450, 76.454

93, 15.335,
225.310

95, 16.385,
210.541

96, 18.323,
198.294

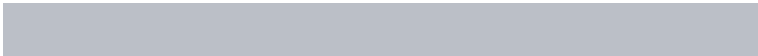
Harmonies

Complementary

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



79, 4.499, 90.333



77, 4.510, 271.964

Rectangle

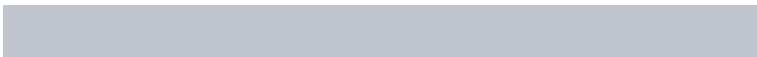
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 4.499, 90.333



79, 4.499, 140.333



79, 4.499, 270.333



79, 4.499, 320.333

Sweetspot

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



79, 4.500, 90.358



99, 1.810, 90.743



77, 4.966, 354.152



53, 1.029, 90.747



0, 0.000, 0.000



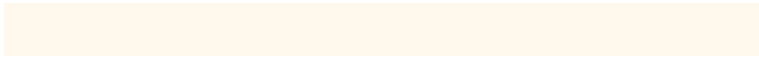
53, 0.007, 296.813

Same Dimension

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



79, 4.500, 90.358



98, 6.398, 90.232



80, 6.418, 116.278



41, 3.391, 90.184



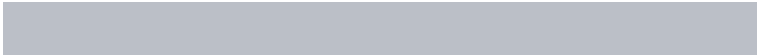
50, 59.118, 75.962



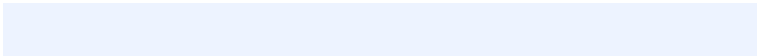
9, 13.971, 78.713

Inverse Universe

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



77, 4.510, 271.964



96, 6.406, 272.099



76, 6.515, 297.149



40, 3.394, 272.151



28, 69.397, 296.270



3, 16.659, 280.957

Previews

White Background



This preview shows how the CIELCh color 79, 4.499, 90.333 looks on a white background.

Color Contrast Check

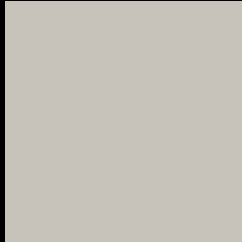
Large Text (above 18pt) WCAG AA × Fail

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 79, 4.499, 90.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

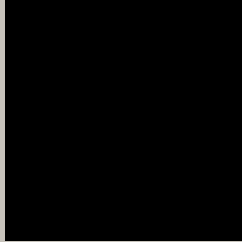
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

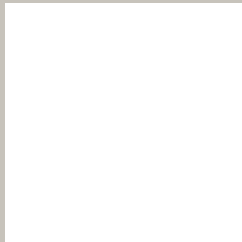
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.499, 90.333

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.499, 90.333.

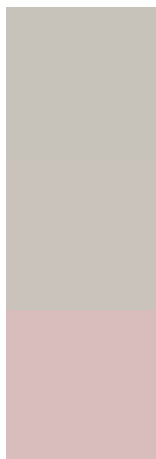


This preview shows how white text looks on a background with the CIELCh color 79, 4.499, 90.333.

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, 4.499, 90.333

Protanopia

79, 4.797, 81.800

Deuteranopia

79, 10.599, 20.210



Tritanopia
79, 8.841, 314.948

Trichromacy



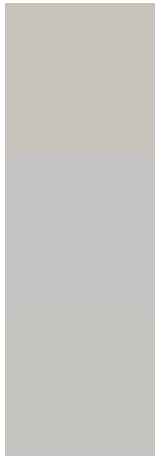
Original Color
79, 4.499, 90.333

Protanomaly
79, 4.635, 85.932

Deuteranomaly
79, 7.715, 31.828

Tritanomaly
79, 4.780, 328.214

Monochromacy



Original Color
79, 4.499, 90.333

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, 4.499, 90.333 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.499, 90.333 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, 187) }
```

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

```
.border{ border-color:rgb(199, 195, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 195, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 195, 187); box-shadow:4px 4px 4px 4px rgb(199, 195, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.499, 90.333 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, 187) }
```

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

```
.background{ background-color: rgb(199,  
195, 187) }
```

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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