

Converting Colors

CIELCh(79, 11.312, 89.269)

Have a look what the booklet for
CIELCh(79, 11.312, 89.269) contains.

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Color

CIELCh(79, 11.300, 89.278)

Conversions

Conversions Part 1

Format	Color
Hex	CDC3AF
RGB	205, 195, 175
RGB Percent	80%, 76%, 69%
CMY	0.1972, 0.2364, 0.3148
CMYK	0.00, 0.05, 0.15, 0.20
HSL	40°, 23%, 74%
HSV	40°, 15%, 80%
XYZ	52.2623, 54.9284, 48.2646
YIQ	195.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

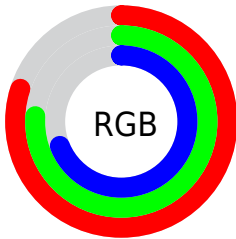
Format	Color
RYB	190, 205, 175
Decimal	13484975
CIELab	79.00, 0.14, 11.30
CIELCh	79, 11.300, 89.278
Yxy	54.9284, 0.3362, 0.3533
Android (android.graphics.Color)	4291675055 (0xFFCDC3AF)
YUV	195.7100, -10.2100, 8.1473
Hunter-Lab	74.1137, -3.8273, 13.2686

Details

The CIELCh color **79, 11.300, 89.278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 11.274, 273.146**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.698, 103.538**, and **59, 10.962, 86.857** is the 20% darker color. If you saturate the color by 10%, you get **77, 19.220, 87.996**, and if you desaturate by 10%, it is **81, 3.542, 90.500**.

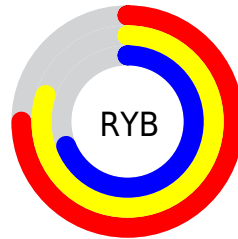
Distribution



Red (80%)

Green (76%)

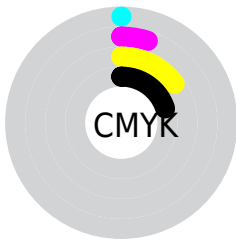
Blue (69%)



Red (75%)

Yellow (80%)

Blue (69%)

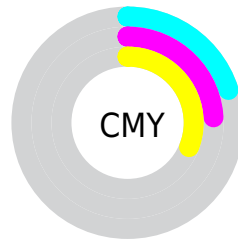


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 11.300, 89.278 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, 11.300, 89.278 by changing the saturation by 10% instead.

■ 79, 11.300, 89.278

■ 79, 11.300, 89.278

■ 100, 11.300,
89.278

■ 69, 11.300, 89.278

■ 99, 11.300, 89.278

■ 59, 11.300, 89.278

■ 49, 11.300, 89.278

■ 39, 11.300, 89.278

■ 29, 11.300, 89.278

■ 19, 11.300, 89.278

■ 9, 11.300, 89.278

■ 0, 11.300, 89.278

■ 79, 11.300, 89.278

■ 79, 11.300, 89.278

77, 19.220, 87.996

81, 3.542, 90.500

75, 27.278, 86.659

84, 4.053, 271.841

73, 35.421, 85.280

86, 11.490,
272.964

71, 43.539, 83.855

88, 17.986,
273.132

69, 51.413, 82.365

67, 58.651, 80.761

90, 15.552,
260.506

65, 64.617, 78.942

92, 14.090,
244.465

63, 68.508, 76.738

62, 69.937, 75.441

93, 13.883,
226.590

95, 14.957,
209.903

97, 16.650,
198.400

Harmonies

Complementary

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



79, 11.300, 89.278



75, 11.274, 273.146

Rectangle

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



79, 11.300, 89.278



79, 11.300, 139.278



79, 11.300, 269.278



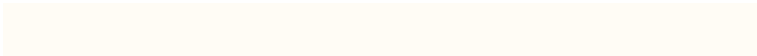
79, 11.300, 319.278

Sweetspot

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



79, 11.301, 89.289



99, 3.639, 90.563



74, 12.542, 355.078



53, 2.589, 90.482



0, 0.000, 0.000



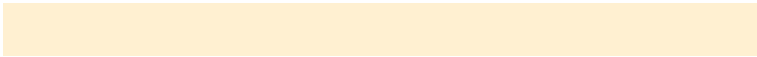
53, 0.007, 296.813

Same Dimension

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



79, 11.301, 89.289



95, 16.661, 88.832



81, 15.940, 115.652



42, 4.337, 89.944



51, 59.795, 75.911



10, 15.395, 78.679

Inverse Universe

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



75, 11.274, 273.146



89, 16.600, 273.700



73, 16.454, 297.859



40, 4.337, 272.394



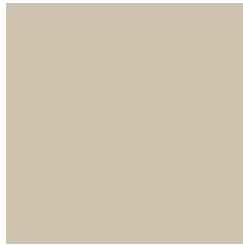
28, 70.270, 296.308



4, 18.198, 282.033

Previews

White Background



This preview shows how the CIELCh color 79, 11.300, 89.278 looks on a white background.

Color Contrast Check

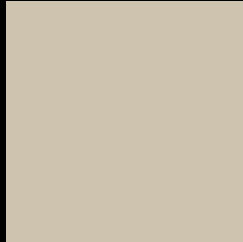
Large Text (above 18pt) WCAG AA × Fail

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, 11.300, 89.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

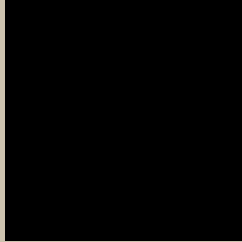
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 11.300, 89.278

Background



This preview shows how black text looks on a background with the CIELCh color 79, 11.300, 89.278.

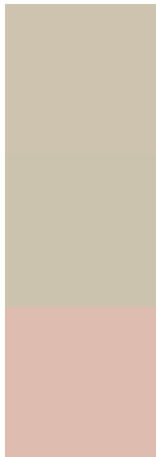


This preview shows how white text looks on a background with the CIELCh color 79, 11.300, 89.278.

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, 11.300, 89.278

Protanopia

79, 11.175, 91.148

Deuteranopia

79, 14.647, 48.252



Tritanopia
79, 10.642, 331.437

Trichromacy



Original Color
79, 11.300, 89.278

Protanomaly
79, 11.175, 91.148

Deuteranomaly
79, 12.590, 59.090

Tritanomaly
79, 5.688, 8.993

Monochromacy



Original Color
79, 11.300, 89.278

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.999, 87.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 11.300, 89.278 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(205, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 175)  
}
```

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(205, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 11.300, 89.278 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(205, 195, 175) }
```

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

```
.border{ border-color:rgb(205, 195, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 11.300, 89.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 175) }
```

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

```
.background{ background-color: rgb(205,  
195, 175) }
```

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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