

Converting Colors

CIELCh(79, 12.438, 89.101)

Have a look what the booklet for
CIELCh(79, 12.438, 89.101) contains.

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Color

CIELCh(79, 12.438, 89.101)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3AD
RGB	206, 195, 173
RGB Percent	81%, 76%, 68%
CMY	0.1937, 0.2368, 0.3230
CMYK	0.00, 0.05, 0.16, 0.19
HSL	40°, 25%, 74%
HSV	40°, 16%, 81%
XYZ	52.2825, 54.9284, 47.1927
YIQ	195.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

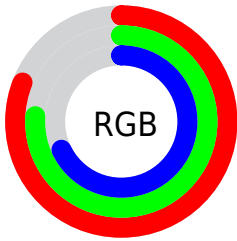
Format	Color
R _{YB}	190, 206, 173
Decimal	13550509
CIE Lab	79.00, 0.20, 12.44
CIE LCh	79, 12.438, 89.101
Yxy	54.9284, 0.3386, 0.3557
Android (android.graphics.Color)	4291740589 (0xFFCEC3AD)
YUV	195.7810, -11.2310, 8.9621
Hunter-Lab	74.1137, -3.7786, 14.1261

Details

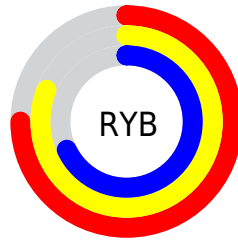
The CIELCh color **79, 12.438, 89.101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 12.402, 273.358**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.212, 104.125**, and **59, 12.175, 86.816** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.407, 87.811**, and if you desaturate by 10%, it is **81, 4.630, 90.343**.

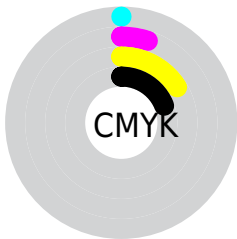
Distribution



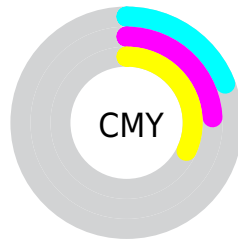
- Red (81%)
- Green (76%)
- Blue (68%)



- Red (75%)
- Yellow (81%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.438, 89.101 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, 12.438, 89.101 by changing the saturation by 10% instead.

■ 79, 12.438, 89.101

■ 79, 12.438, 89.101

■ 100, 12.438,
89.101

■ 69, 12.438, 89.101

■ 99, 12.438, 89.101

■ 59, 12.438, 89.101

■ 49, 12.438, 89.101

■ 39, 12.438, 89.101

■ 29, 12.438, 89.101

■ 19, 12.438, 89.101

■ 9, 12.438, 89.101

■ 0, 12.438, 89.101

■ 79, 12.438, 89.101

■ 79, 12.438, 89.101

77, 20.407, 87.811

81, 4.630, 90.343

75, 28.510, 86.467

84, 3.015, 271.696

73, 36.688, 85.082

86, 10.501,
272.808

71, 44.816, 83.650

88, 17.835,
273.915

69, 52.657, 82.147

67, 59.785, 80.520

90, 15.402,
261.341

65, 65.527, 78.658

92, 13.882,
245.108

63, 69.093, 76.385

62, 70.165, 75.432

94, 13.642,
226.870

95, 14.716,
209.822

97, 16.372,
198.418

Harmonies

Complementary

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



79, 12.438, 89.101



74, 12.402, 273.358

Rectangle

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



79, 12.438, 89.101



79, 12.438, 139.101



79, 12.438, 269.101



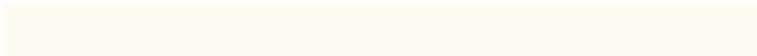
79, 12.438, 319.101

Sweetspot

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



79, 12.439, 89.111



99, 4.556, 90.454



74, 13.817, 355.233



52, 3.112, 90.374



0, 0.000, 0.000



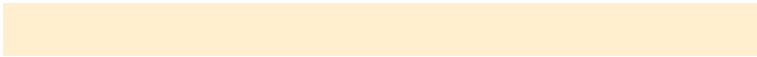
53, 0.007, 296.813

Same Dimension

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



79, 12.439, 89.111



95, 17.606, 88.701



81, 17.511, 115.550



42, 4.337, 89.943



51, 59.795, 75.911



10, 15.395, 78.678

Inverse Universe

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



74, 12.402, 273.358



88, 17.536, 273.862



72, 18.132, 297.983



40, 4.337, 272.394



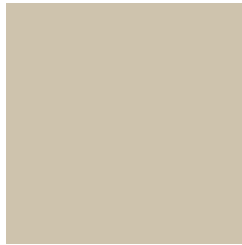
28, 70.269, 296.308



4, 18.198, 282.033

Previews

White Background



This preview shows how the CIELCh color 79, 12.438, 89.101 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, 12.438, 89.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

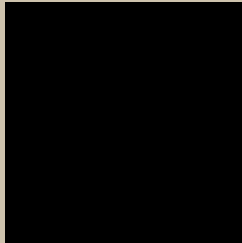
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

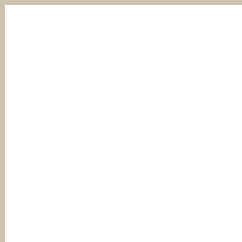
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.438, 89.101

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.438, 89.101.



This preview shows how white text looks on a background with the CIELCh color 79, 12.438, 89.101.

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, 12.438, 89.101

Protanopia

79, 12.194, 92.542

Deuteranopia

79, 15.301, 49.239



Tritanopia
79, 10.885, 332.927

Trichromacy



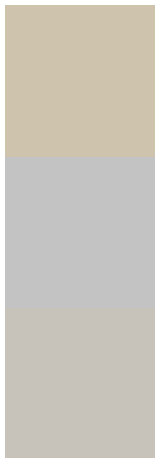
Original Color
79, 12.438, 89.101

Protanomaly
79, 12.310, 90.806

Deuteranomaly
79, 13.270, 59.698

Tritanomaly
79, 5.995, 14.711

Monochromacy



Original Color
79, 12.438, 89.101

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.499, 90.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.438, 89.101 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(206, 195, 173)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 173)  
}
```

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(206, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.438, 89.101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

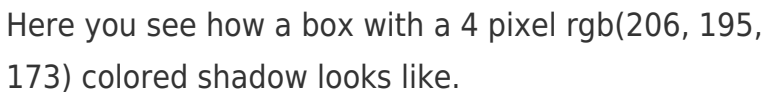
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 195, 173) }
```

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

```
.border{ border-color:rgb(206, 195, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 195, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 173);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.438, 89.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 173) }
```

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

```
.background{ background-color: rgb(206,  
195, 173) }
```

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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