

Converting Colors

CIELCh(79, 12.915, 110.267)

Have a look what the booklet for
CIELCh(79, 12.915, 110.267)
contains.

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Color

CIELCh(79, 12.746, 109.008)

Conversions

Conversions Part 1

Format	Color
Hex	C5C5AD
RGB	197, 197, 173
RGB Percent	77%, 77%, 68%
CMY	0.2268, 0.2268, 0.3209
CMYK	0.00, 0.00, 0.12, 0.23
HSL	60°, 17%, 73%
HSV	60°, 12%, 77%
XYZ	50.6360, 54.9284, 47.5541
YIQ	194.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

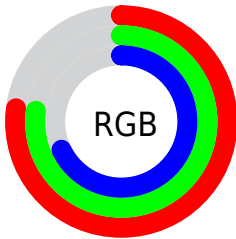
Format	Color
RYB	173, 197, 173
Decimal	12961197
CIELab	79.00, -4.15, 12.05
CIElCh	79, 12.746, 109.008
Yxy	54.9284, 0.3307, 0.3587
Android (android.graphics.Color)	4291151277 (0xFFC5C5AD)
YUV	194.2640, -10.4832, 2.3995
Hunter-Lab	74.1137, -7.7442, 13.8369

Details

The CIELCh color **79, 12.746, 109.008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 13.106, 291.464**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.167, 109.179**, and **59, 12.387, 108.736** is the 20% darker color. If you saturate the color by 10%, you get **79, 23.139, 108.051**, and if you desaturate by 10%, it is **79, 2.274, 109.950**.

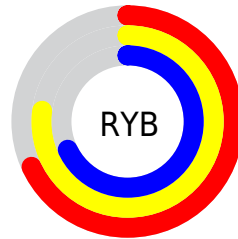
Distribution



Red (77%)

Green (77%)

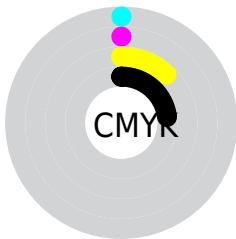
Blue (68%)



Red (68%)

Yellow (77%)

Blue (68%)

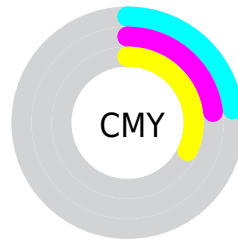


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (23%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.746, 109.008 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, 12.746, 109.008 by changing the saturation by 10% instead.


 79, 12.746,
109.008

 79, 12.746,
109.008

 100, 12.746,
109.008


 69, 12.746,
109.008

 99, 12.746,
109.008

 59, 12.746,
109.008

 49, 12.746,
109.008

 39, 12.746,
109.008

 29, 12.746,
109.008

 19, 12.746,
109.008

 9, 12.746, 109.008

■ 0, 12.746, 109.008

■ 79, 12.746,
109.008

■ 79, 12.746,
109.008

■ 79, 23.139,
108.051

■ 79, 2.274, 109.950

■ 78, 33.366,
107.094

■ 80, 8.227, 290.925

■ 78, 43.300,
106.164

■ 81, 18.721,
291.832

■ 78, 52.743,
105.287

■ 81, 29.181,
292.707

■ 78, 61.396,
104.494

■ 81, 30.747,
292.837

■ 77, 68.847,
103.824

■ 81, 30.747,
292.839

■ 81, 30.747,

■ 77, 74.603,
103.316

292.841

■ 77, 78.249,
103.000

■ 81, 30.747,
292.843

■ 77, 79.854,
102.862

■ 81, 30.747,
292.845

Harmonies

Complementary

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



79, 12.746, 109.008



71, 13.106, 291.464

Rectangle

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



79, 12.746, 109.008



79, 12.746, 159.008



79, 12.746, 289.008



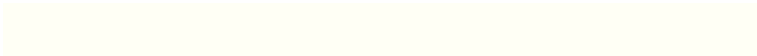
79, 12.746, 339.008

Sweetspot

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



79, 12.748, 109.015



100, 5.161, 109.784



73, 9.223, 20.144



53, 3.669, 109.713



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, 12.748, 109.015



99, 19.336, 108.721



78, 13.602, 128.537



42, 5.982, 109.282



65, 69.399, 102.862



13, 20.289, 105.987

Inverse Universe

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



71, 13.106, 291.464



88, 20.016, 291.826



72, 13.833, 309.609



38, 6.114, 291.151



19, 95.827, 306.288



1, 21.510, 291.750

Previews

White Background



This preview shows how the CIELCh color 79, 12.746, 109.008 looks on a white background.

Color Contrast Check

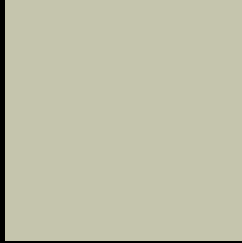
Large Text (above 18pt) WCAG AA × Fail

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, 12.746, 109.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

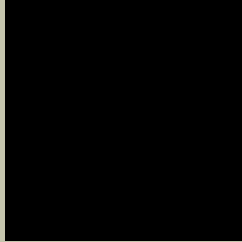
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

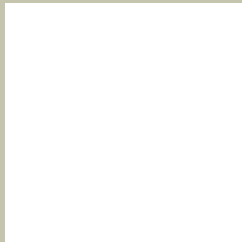
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.746, 109.008

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.746, 109.008.



This preview shows how white text looks on a background with the CIELCh color 79, 12.746, 109.008.

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, 12.746, 109.008

Protanopia

79, 12.706, 93.149

Deuteranopia

79, 15.019, 47.552



Tritanopia
79, 8.841, 314.948

Trichromacy



Original Color
79, 12.746, 109.008

Protanomaly
79, 12.951, 98.702

Deuteranomaly
79, 12.474, 66.110

Tritanomaly
79, 2.285, 5.860

Monochromacy



Original Color
79, 12.746, 109.008

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 4.790, 109.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.746, 109.008 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(197, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 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(197, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.746, 109.008 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(197, 197, 173) }
```

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

```
.border{ border-color:rgb(197, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.746, 109.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 173) }
```

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

```
.background{ background-color: rgb(197,  
197, 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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