

Converting Colors

CIELCh(79, 16.569, 93.386)

Have a look what the booklet for
CIELCh(79, 16.569, 93.386) contains.

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Color

CIELCh(79, 16.510, 93.559)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3A5
RGB	206, 195, 165
RGB Percent	81%, 76%, 65%
CMY	0.1918, 0.2349, 0.3526
CMYK	0.00, 0.05, 0.20, 0.19
HSL	44°, 30%, 73%
HSV	44°, 20%, 81%
XYZ	51.8168, 54.9284, 43.5121
YIQ	194.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

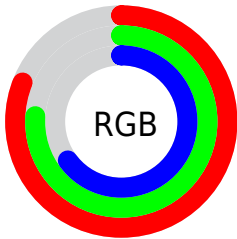
Format	Color
RYB	180, 206, 165
Decimal	13550501
CIELab	79.00, -1.02, 16.48
CIELCh	79, 16.510, 93.559
Yxy	54.9284, 0.3449, 0.3656
Android (android.graphics.Color)	4291740581 (0xFFCEC3A5)
YUV	194.8690, -14.7254, 9.7619
Hunter-Lab	74.1137, -4.9003, 17.0704

Details

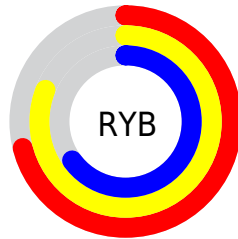
The CIELCh color **79, 16.510, 93.559** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 16.674, 278.709**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.785, 103.626**, and **59, 16.336, 93.337** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.958, 92.300**, and if you desaturate by 10%, it is **81, 8.152, 94.787**.

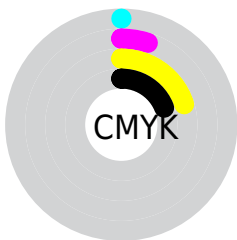
Distribution



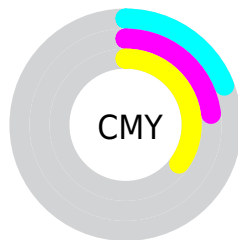
- Red (81%)
- Green (76%)
- Blue (65%)



- Red (71%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.510, 93.559 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, 16.510, 93.559 by changing the saturation by 10% instead.

 79, 16.510, 93.559

 79, 16.510, 93.559

 100, 16.510,
93.559

 69, 16.510, 93.559

 99, 16.510, 93.559

 59, 16.510, 93.559

 49, 16.510, 93.559

 39, 16.510, 93.559

 29, 16.510, 93.559

 19, 16.510, 93.559

 9, 16.510, 93.559

 0, 16.510, 93.559

 79, 16.510, 93.559

 79, 16.510, 93.559

77, 24.958, 92.300

81, 8.152, 94.787

75, 33.440, 90.996

83, 0.095, 278.137

74, 41.851, 89.659

85, 8.220, 277.170

72, 50.003, 88.283

87, 16.223,
278.251

70, 57.559, 86.849

88, 17.558,
273.329

69, 63.980, 85.311

67, 68.538, 83.578

90, 15.520,
263.132

66, 70.972, 81.582

91, 14.095,
250.494

66, 70.996, 81.562

93, 13.464,
235.993

94, 13.721,
221.180

Harmonies

Complementary

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



79, 16.510, 93.559



72, 16.674, 278.709

Rectangle

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



79, 16.510, 93.559



79, 16.510, 143.559



79, 16.510, 273.559



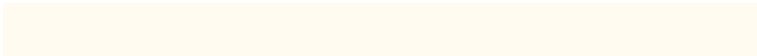
79, 16.510, 323.559

Sweetspot

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



79, 16.511, 93.567



99, 5.855, 95.231



72, 16.896, 359.140



52, 3.886, 95.156



0, 0.000, 0.000



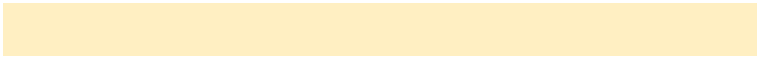
53, 0.007, 296.813

Same Dimension

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



79, 16.511, 93.567



95, 23.741, 93.014



81, 21.853, 117.318



42, 4.632, 94.847



54, 60.444, 81.943



11, 16.319, 85.640

Inverse Universe

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



72, 16.674, 278.709



84, 24.030, 279.426



70, 22.789, 300.116



40, 4.660, 277.190



26, 77.373, 299.576



3, 19.251, 284.672

Previews

White Background



This preview shows how the CIELCh color 79, 16.510, 93.559 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, 16.510, 93.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

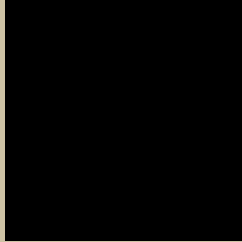
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

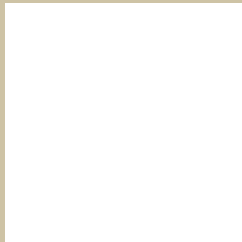
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.510, 93.559

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.510, 93.559.

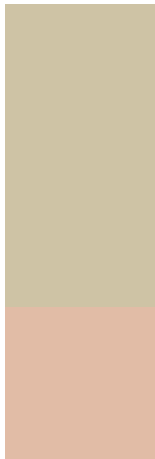


This preview shows how white text looks on a background with the CIELCh color 79, 16.510, 93.559.

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, 16.510, 93.559

Protanopia

79, 16.510, 93.559

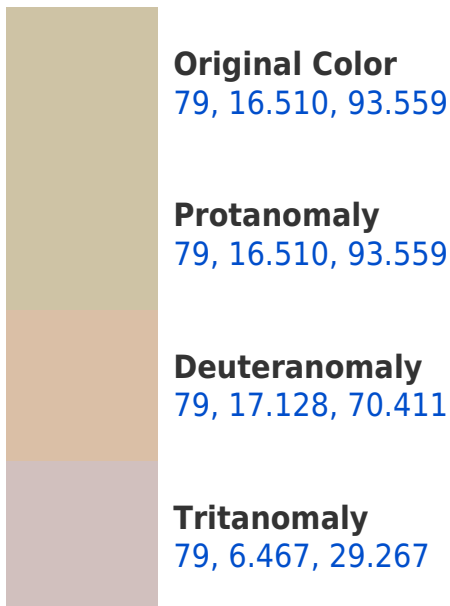
Deuteranopia

79, 18.920, 58.170



Tritanopia
79, 10.763, 336.335

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.510, 93.559 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.510, 93.559 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, 165) }
```

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

```
.border{ border-color:rgb(206, 195, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 165);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.510, 93.559 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, 165) }
```

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

```
.background{ background-color: rgb(206,  
195, 165) }
```

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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