

Converting Colors

CIELCh(79, 16.012, 93.127)

Have a look what the booklet for
CIELCh(79, 16.012, 93.127) contains.

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Color

CIELCh(79, 15.996, 93.138)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3A6
RGB	206, 195, 166
RGB Percent	81%, 76%, 65%
CMY	0.1920, 0.2351, 0.3489
CMYK	0.00, 0.05, 0.19, 0.19
HSL	44°, 29%, 73%
HSV	44°, 19%, 81%
XYZ	51.8736, 54.9284, 43.9622
YIQ	194.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

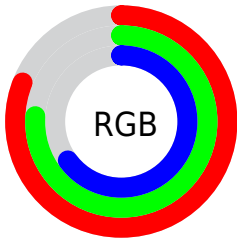
Format	Color
RYB	181, 206, 166
Decimal	13550502
CIELab	79.00, -0.88, 15.97
CIELCh	79, 15.996, 93.138
Yxy	54.9284, 0.3441, 0.3643
Android (android.graphics.Color)	4291740582 (0xFFCEC3A6)
YUV	194.9830, -14.2886, 9.6619
Hunter-Lab	74.1137, -4.7634, 16.7104

Details

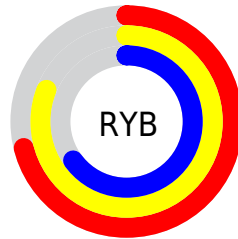
The CIELCh color **79, 15.996, 93.138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 16.131, 278.176**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.281, 103.495**, and **59, 15.792, 92.909** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.394, 91.875**, and if you desaturate by 10%, it is **81, 7.697, 94.369**.

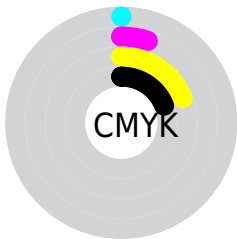
Distribution



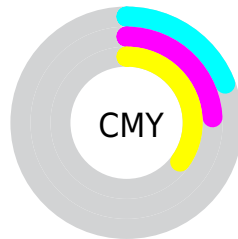
- Red (81%)
- Green (76%)
- Blue (65%)



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



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



- Cyan (19%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 15.996, 93.138 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, 15.996, 93.138 by changing the saturation by 10% instead.

■ 79, 15.996, 93.138

■ 79, 15.996, 93.138

■ 100, 15.996,
93.138

■ 69, 15.996, 93.138

■ 99, 15.996, 93.138

■ 59, 15.996, 93.138

■ 49, 15.996, 93.138

■ 39, 15.996, 93.138

■ 29, 15.996, 93.138

■ 19, 15.996, 93.138

■ 9, 15.996, 93.138

■ 0, 15.996, 93.138

■ 79, 15.996, 93.138

■ 79, 15.996, 93.138

77, 24.394, 91.875

81, 7.697, 94.369

75, 32.836, 90.566

83, 0.486, 276.014

74, 41.227, 89.222

85, 8.542, 276.759

72, 49.382, 87.838

87, 16.473,
277.844

70, 56.979, 86.394

89, 17.309,
272.238

69, 63.492, 84.842

67, 68.193, 83.090

90, 15.293,
261.473

66, 70.728, 81.056

91, 13.947,
248.180

66, 70.864, 80.937

93, 13.459,
233.146

94, 13.903,
218.158

Harmonies

Complementary

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



79, 15.996, 93.138



72, 16.131, 278.176

Rectangle

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



79, 15.996, 93.138



79, 15.996, 143.138



79, 15.996, 273.138



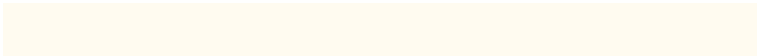
79, 15.996, 323.138

Sweetspot

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



79, 15.997, 93.146



99, 5.814, 94.757



72, 16.467, 359.082



52, 3.859, 94.682



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, 15.997, 93.146



95, 22.592, 92.659



81, 21.322, 117.351



42, 4.600, 94.371



54, 60.341, 81.329



11, 16.213, 84.964

Inverse Universe

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



72, 16.131, 278.176



85, 22.819, 278.802



70, 22.212, 300.075



40, 4.626, 276.727



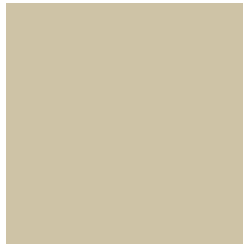
26, 76.661, 299.274



3, 19.147, 284.431

Previews

White Background



This preview shows how the CIELCh color 79, 15.996, 93.138 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, 15.996, 93.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

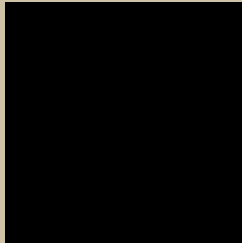
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

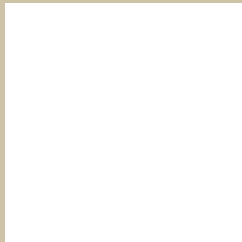
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 15.996, 93.138

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.996, 93.138.



This preview shows how white text looks on a background with the CIELCh color 79, 15.996, 93.138.

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, 15.996, 93.138

Protanopia

79, 15.996, 93.138

Deuteranopia

79, 18.566, 56.982



Tritanopia
79, 10.763, 336.335

Trichromacy



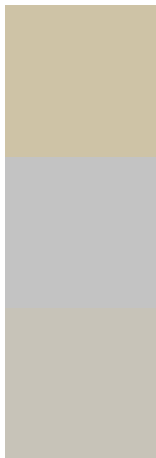
Original Color
79, 15.996, 93.138

Protanomaly
79, 15.996, 93.138

Deuteranomaly
79, 16.701, 69.368

Tritanomaly
79, 6.467, 29.267

Monochromacy



Original Color
79, 15.996, 93.138

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.032, 95.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.996, 93.138 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.996, 93.138 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, 166) }
```

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

```
.border{ border-color:rgb(206, 195, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 195, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 195, 166); box-shadow:4px 4px 4px 4px rgb(206, 195, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.996, 93.138 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, 166) }
```

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

```
.background{ background-color: rgb(206,  
195, 166) }
```

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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