

Converting Colors

CIELCh(79, 14.928, 90.936)

Have a look what the booklet for
CIELCh(79, 14.928, 90.936) contains.

CIELCh(79, 15.091, 90.767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 15.091, 90.767)

Conversions

Conversions Part 1

Format	Color
Hex	CFC3A8
RGB	207, 195, 168
RGB Percent	81%, 76%, 66%
CMY	0.1895, 0.2365, 0.3423
CMYK	0.00, 0.06, 0.19, 0.19
HSL	42°, 29%, 73%
HSV	42°, 19%, 81%
XYZ	52.1306, 54.9284, 44.7541
YIQ	195.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

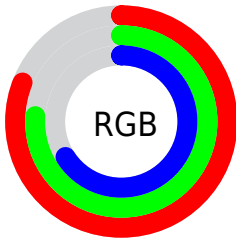
Format	Color
R _Y B	185, 207, 168
Decimal	13616040
CIE Lab	79.00, -0.20, 15.09
CIE LCh	79, 15.091, 90.767
Yxy	54.9284, 0.3434, 0.3618
Android (android.graphics.Color)	4291806120 (0xFFCFC3A8)
YUV	195.5100, -13.5624, 10.0767
Hunter-Lab	74.1137, -4.1445, 16.0768

Details

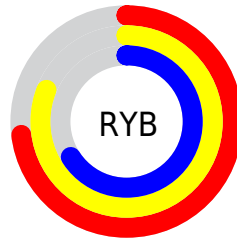
The CIELCh color **79, 15.091, 90.767** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 15.117, 275.757**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 14.273, 103.199**, and **59, 14.837, 90.378** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.292, 89.479**, and if you desaturate by 10%, it is **81, 7.022, 92.019**.

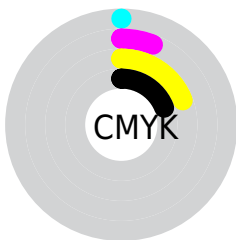
Distribution



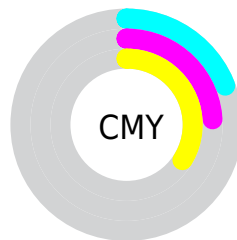
- Red (81%)
- Green (76%)
- Blue (66%)



- Red (73%)
- Yellow (81%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 15.091, 90.767 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, 15.091, 90.767 by changing the saturation by 10% instead.

■ 79, 15.091, 90.767

■ 79, 15.091, 90.767

■ 100, 15.091,
90.767

■ 69, 15.091, 90.767

■ 99, 15.091, 90.767

■ 59, 15.091, 90.767

■ 49, 15.091, 90.767

■ 39, 15.091, 90.767

■ 29, 15.091, 90.767

■ 19, 15.091, 90.767

■ 9, 15.091, 90.767

■ 0, 15.091, 90.767

■ 79, 15.091, 90.767

■ 79, 15.091, 90.767

77, 23.292, 89.479

81, 7.022, 92.019

75, 31.582, 88.141

83, 0.904, 273.521

73, 39.879, 86.763

85, 8.683, 274.461

71, 48.020, 85.338

88, 16.322,
275.566

69, 55.706, 83.841

89, 16.048,
267.317

68, 62.433, 82.212

66, 67.466, 80.340

91, 14.179,
253.459

64, 70.312, 78.110

93, 13.321,
236.831

64, 70.604, 77.855

94, 13.642,
219.657

96, 15.046,
204.594

Harmonies

Complementary

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



79, 15.091, 90.767



73, 15.117, 275.757

Rectangle

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



79, 15.091, 90.767



79, 15.091, 140.767



79, 15.091, 270.767



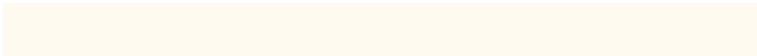
79, 15.091, 320.767

Sweetspot

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



79, 15.092, 90.776



98, 5.620, 92.348



73, 16.263, 356.689



52, 3.731, 92.271



0, 0.000, 0.000



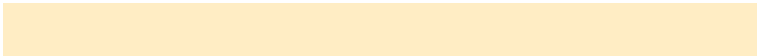
53, 0.007, 296.813

Same Dimension

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



79, 15.092, 90.776



94, 21.910, 90.208



82, 20.693, 116.028



43, 4.541, 91.952



53, 60.633, 78.271



11, 17.135, 81.418

Inverse Universe

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



73, 15.117, 275.757



86, 21.950, 276.483



71, 21.554, 298.837



41, 4.552, 274.371



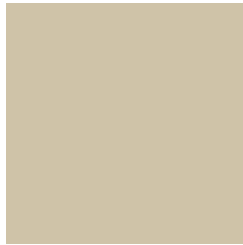
27, 74.035, 297.731



4, 20.193, 284.256

Previews

White Background



This preview shows how the CIELCh color 79, 15.091, 90.767 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, 15.091, 90.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

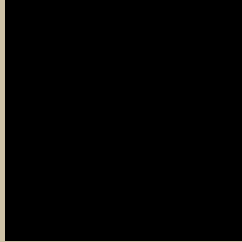
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 15.091, 90.767

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.091, 90.767.

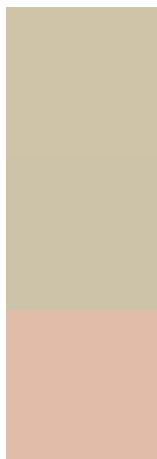


This preview shows how white text looks on a background with the CIELCh color 79, 15.091, 90.767.

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, 15.091, 90.767

Protanopia

79, 14.865, 93.649

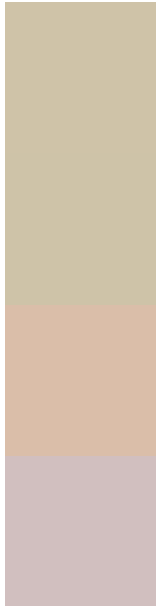
Deuteranopia

79, 17.550, 55.188



Tritanopia
79, 11.402, 335.725

Trichromacy



Original Color
79, 15.091, 90.767

Protanomaly
79, 14.973, 92.198

Deuteranomaly
79, 15.761, 64.831

Tritanomaly
79, 6.746, 19.864

Monochromacy



Original Color
79, 15.091, 90.767

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.517, 93.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.091, 90.767 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(207, 195, 168)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 168)  
}
```

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(207, 195, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.091, 90.767 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(207, 195, 168) }
```

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

```
.border{ border-color:rgb(207, 195, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 168);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.091, 90.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 168) }
```

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

```
.background{ background-color: rgb(207,  
195, 168) }
```

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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