

Converting Colors

CIELCh(89, 14.883, 90.882)

Have a look what the booklet for
CIELCh(89, 14.883, 90.882) contains.

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Color

CIELCh(89, 15.203, 91.570)

Conversions

Conversions Part 1

Format	Color
Hex	EBDFC3
RGB	235, 223, 195
RGB Percent	92%, 87%, 76%
CMY	0.0796, 0.1266, 0.2364
CMYK	0.00, 0.05, 0.17, 0.08
HSL	42°, 50%, 84%
HSV	42°, 17%, 92%
XYZ	70.2963, 74.1641, 62.0749
YIQ	223.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

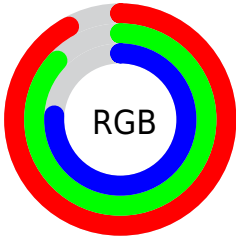
Format	Color
R _Y B	212, 235, 195
Decimal	15458243
CIE Lab	89.00, -0.42, 15.20
CIE LCh	89, 15.203, 91.570
Yxy	74.1641, 0.3404, 0.3591
Android (android.graphics.Color)	4293648323 (0xFFEBDFC3)
YUV	223.3960, -13.9992, 10.1767
Hunter-Lab	86.1186, -5.0027, 17.5464

Details

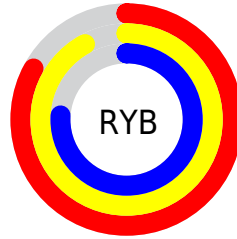
The CIELCh color **89, 15.203, 91.570** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **83, 15.251, 276.059**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **69, 15.402, 91.872** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.330, 90.286**, and if you desaturate by 10%, it is **91, 6.220, 92.813**.

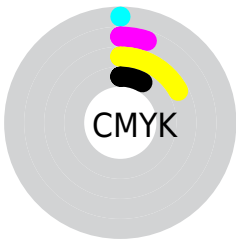
Distribution



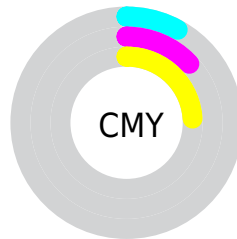
- Red (92%)
- Green (87%)
- Blue (76%)



- Red (83%)
- Yellow (92%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.203, 91.570 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 89, 15.203, 91.570 by changing the saturation by 10% instead.

■ 89, 15.203, 91.570

■ 89, 15.203, 91.570

■ 100, 15.203,
91.570

■ 79, 15.203, 91.570

■ 69, 15.203, 91.570

■ 59, 15.203, 91.570

■ 49, 15.203, 91.570

■ 39, 15.203, 91.570

■ 29, 15.203, 91.570

■ 19, 15.203, 91.570

■ 9, 15.203, 91.570

■ 0, 15.203, 91.570

89, 15.203, 91.570

89, 15.203, 91.570

87, 24.330, 90.286

91, 6.220, 92.813

85, 33.556, 88.950

94, 2.609, 274.158

82, 42.795, 87.576

96, 6.471, 261.785

80, 51.877, 86.157

98, 5.883, 220.220

78, 60.487, 84.672

99, 6.948, 199.061

77, 68.090, 83.070

75, 73.888, 81.249

73, 77.082, 79.055

72, 77.748, 78.367

Harmonies

Complementary

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



89, 15.203, 91.570



83, 15.251, 276.059

Rectangle

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



89, 15.203, 91.570



89, 15.203, 141.570



89, 15.203, 271.570



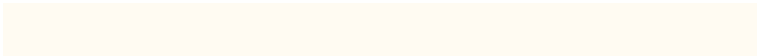
89, 15.203, 321.570

Sweetspot

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



89, 15.204, 91.579



99, 4.715, 93.045



82, 16.113, 357.647



53, 3.219, 92.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 15.204, 91.579



95, 19.140, 91.189



91, 20.774, 116.827



48, 5.032, 92.522



57, 64.062, 78.837



16, 23.836, 81.735

Inverse Universe

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



83, 15.251, 276.059



87, 19.205, 276.543



80, 21.545, 299.287



46, 5.048, 274.959



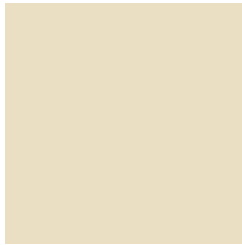
29, 79.498, 298.311



6, 27.965, 290.447

Previews

White Background



This preview shows how the CIELCh color 89, 15.203, 91.570 looks on a white background.

Color Contrast Check

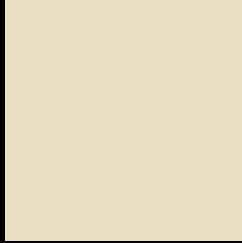
Large Text (above 18pt) WCAG AA × Fail

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 89, 15.203, 91.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

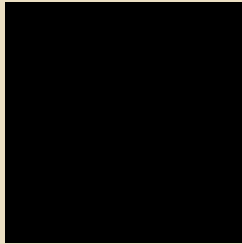
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

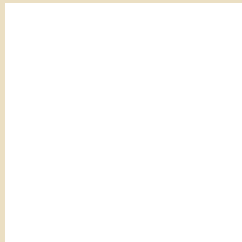
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.203, 91.570

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.203, 91.570.

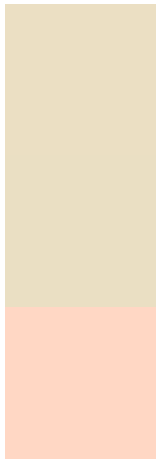


This preview shows how white text looks on a background with the CIELCh color 89, 15.203, 91.570.

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

89, 15.203, 91.570

Protanopia

89, 15.093, 92.952

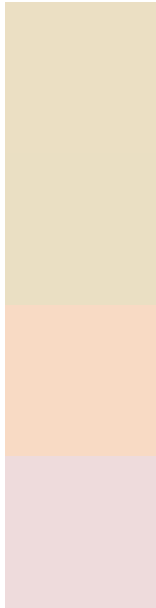
Deuteranopia

89, 18.329, 52.603



Tritanopia
89, 12.114, 333.354

Trichromacy



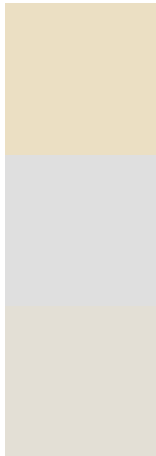
Original Color
89, 15.203, 91.570

Protanomaly
89, 15.093, 92.952

Deuteranomaly
89, 16.232, 64.356

Tritanomaly
89, 6.944, 15.543

Monochromacy



Original Color
89, 15.203, 91.570

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.378, 93.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.203, 91.570 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(235, 223, 195)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 195)  
}
```

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(235, 223, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.203, 91.570 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(235, 223, 195) }
```

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

```
.border{ border-color:rgb(235, 223, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 195);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.203, 91.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 195) }
```

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

```
.background{ background-color: rgb(235,  
223, 195) }
```

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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