

Converting Colors

CIELCh(89, 13.900, 113.388)

Have a look what the booklet for
CIELCh(89, 13.900, 113.388)
contains.

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Color

CIELCh(89, 14.032, 113.589)

Conversions

Conversions Part 1

Format	Color
Hex	DFE2C7
RGB	223, 226, 199
RGB Percent	87%, 89%, 78%
CMY	0.1257, 0.1139, 0.2198
CMYK	0.01, 0.00, 0.12, 0.11
HSL	67°, 32%, 83%
HSV	67°, 12%, 89%
XYZ	67.8995, 74.1641, 64.7373
YIQ	222.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

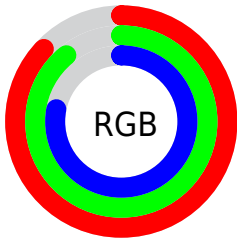
Format	Color
RYB	199, 226, 202
Decimal	14672583
CIELab	89.00, -5.62, 12.86
CIELCh	89, 14.032, 113.589
Yxy	74.1641, 0.3283, 0.3586
Android (android.graphics.Color)	4292862663 (0xFFDFE2C7)
YUV	222.0250, -11.3513, 0.8551
Hunter-Lab	86.1186, -9.9708, 15.7134

Details

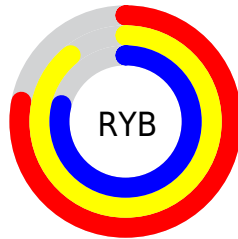
The CIELCh color **89, 14.032, 113.589** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **81, 14.418, 295.579**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 14.228, 113.525** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.692, 112.787**, and if you desaturate by 10%, it is **90, 2.286, 114.384**.

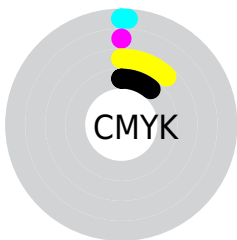
Distribution



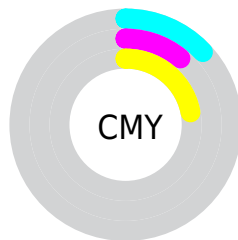
- Red (87%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 14.032, 113.589 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, 14.032, 113.589 by changing the saturation by 10% instead.


 89, 14.032,
113.589

 89, 14.032,
113.589

 100, 14.032,
113.589

 79, 14.032,
113.589


 69, 14.032,
113.589

 59, 14.032,
113.589

 49, 14.032,
113.589

 39, 14.032,
113.589

 29, 14.032,
113.589

 19, 14.032,

113.589

■ 9, 14.032, 113.589

■ 0, 14.032, 113.589

■ 89, 14.032,
113.589

■ 89, 14.032,
113.589

■ 88, 25.692,
112.787

■ 90, 2.286, 114.384

■ 88, 37.164,
111.985

■ 91, 9.490, 295.173

■ 87, 48.305,
111.212

■ 91, 15.190,
297.205

■ 87, 58.895,
110.503

■ 91, 15.309,
300.400

■ 86, 68.599,

■ 91, 15.475,
303.552

109.904

92, 15.686,
306.644

86, 76.955,
109.477

92, 15.940,
309.661

86, 83.407,
109.292

92, 16.237,
312.590

86, 87.490,
109.415

92, 16.574,
315.420

85, 89.236,
109.716

Harmonies

Complementary

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



89, 14.032, 113.589



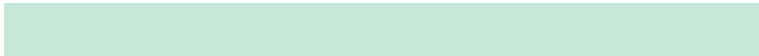
81, 14.418, 295.579

Rectangle

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



89, 14.032, 113.589



89, 14.032, 163.589



89, 14.032, 293.589



89, 14.032, 343.589

Sweetspot

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



89, 14.034, 113.595



100, 5.182, 114.226



83, 9.208, 28.875



53, 3.683, 114.166



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, 14.034, 113.595



99, 18.126, 113.423



88, 15.289, 131.982



47, 6.634, 113.797



68, 74.002, 109.607



19, 28.070, 110.083

Inverse Universe

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



81, 14.418, 295.579



89, 18.710, 295.785



82, 15.491, 312.979



43, 6.780, 295.347



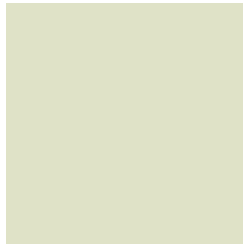
21, 100.656, 306.685



2, 31.816, 298.523

Previews

White Background



This preview shows how the CIELCh color 89, 14.032, 113.589 looks on a white background.

Color Contrast Check

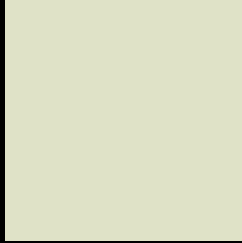
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 14.032, 113.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

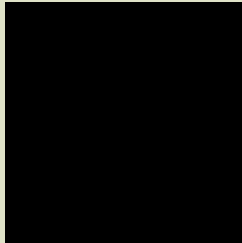
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

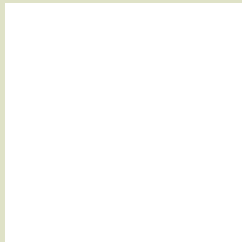
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 14.032, 113.589

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.032, 113.589.



This preview shows how white text looks on a background with the CIELCh color 89, 14.032, 113.589.

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](#).

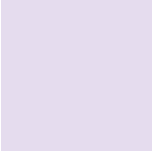
Dichromacy



Original Color
89, 14.032, 113.589

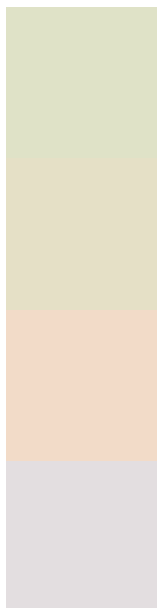
Protanopia
89, 13.989, 93.415

Deuteranopia
89, 16.221, 46.740



Tritanopia
89, 9.949, 309.392

Trichromacy



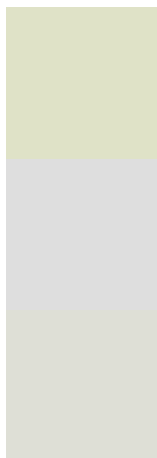
Original Color
89, 14.032, 113.589

Protanomaly
89, 13.596, 101.123

Deuteranomaly
89, 13.168, 68.053

Tritanomaly
89, 2.089, 349.377

Monochromacy



Original Color
89, 14.032, 113.589

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 4.689, 114.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.032, 113.589 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(223, 226, 199)` looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 199)  
}
```

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(223, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.032, 113.589 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(223, 226, 199) }
```

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

```
.border{ border-color:rgb(223, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.032, 113.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 199) }
```

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

```
.background{ background-color: rgb(223,  
226, 199) }
```

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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