

Converting Colors

CIELCh(89, 12.757, 131.819)

Have a look what the booklet for
CIELCh(89, 12.757, 131.819)
contains.

CIELCh(89, 13.022, 132.358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 13.022, 132.358)

Conversions

Conversions Part 1

Format	Color
Hex	D6E4CD
RGB	214, 228, 205
RGB Percent	84%, 89%, 80%
CMY	0.1609, 0.1060, 0.1962
CMYK	0.06, 0.00, 0.10, 0.11
HSL	97°, 30%, 85%
HSV	97°, 10%, 89%
XYZ	66.4702, 74.1641, 68.5477
YIQ	221.1920, -0.9610, -10.1210

Conversions

Conversions Part 2

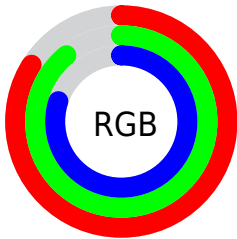
Format	Color
RYB	205, 228, 219
Decimal	14083277
CIELab	89.00, -8.77, 9.62
CIELCh	89, 13.022, 132.358
Yxy	74.1641, 0.3178, 0.3545
Android (android.graphics.Color)	4292273357 (0xFFD6E4CD)
YUV	221.1920, -7.9827, -6.3074
Hunter-Lab	86.1186, -12.9332, 13.0900

Details

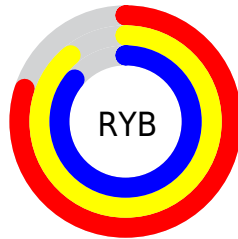
The CIELCh color **89, 13.022, 132.358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 13.171, 313.187**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 13.224, 133.159** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.985, 131.890**, and if you desaturate by 10%, it is **91, 0.106, 134.373**.

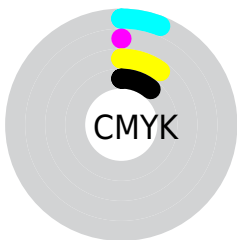
Distribution



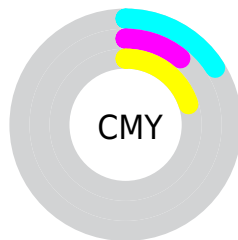
- Red (84%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)





- Cyan (16%)
- Magenta (11%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 13.022, 132.358 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, 13.022, 132.358 by changing the saturation by 10% instead.


 89, 13.022,
132.358


 89, 13.022,
132.358


 100, 13.022,
132.358


 79, 13.022,
132.358

 69, 13.022,
132.358

 59, 13.022,
132.358

 49, 13.022,
132.358

 39, 13.022,
132.358

 29, 13.022,
132.358

 19, 13.022,

132.358

■ 9, 13.022, 132.358

■ 0, 13.022, 132.358

■ 89, 13.022,
132.358

■ 89, 13.022,
132.358

■ 88, 25.985,
131.890

■ 91, 0.106, 134.373

■ 86, 38.876,
131.395

■ 92, 12.691,
313.141

■ 85, 51.537,
130.891

■ 93, 16.896,
325.010

■ 84, 63.740,
130.415

■ 83, 75.166,

130.027

■ 82, 85.372,
129.822

■ 82, 93.811,
129.925

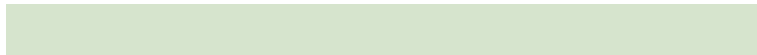
■ 81, 99.963,
130.461

■ 81, 103.830,
131.391

Harmonies

Complementary

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



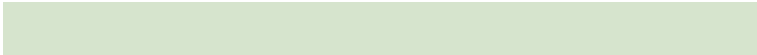
89, 13.022, 132.358



84, 13.171, 313.187

Rectangle

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



89, 13.022, 132.358



89, 13.022, 182.358



89, 13.022, 312.358



89, 13.022, 2.358

Sweetspot

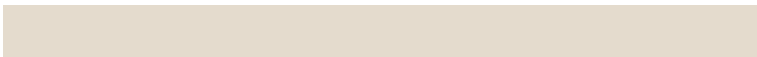
The Sweet Spot groups the original color and five complimentary colors.



89, 13.024, 132.361



99, 4.222, 132.696



88, 7.937, 84.098



53, 3.204, 132.653



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, 13.024, 132.361



98, 16.974, 132.269



88, 13.682, 146.671



47, 7.369, 132.390



64, 86.237, 131.151



18, 33.370, 131.010

Inverse Universe

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



84, 13.171, 313.187



92, 17.195, 313.276



85, 13.709, 327.834



45, 7.448, 313.159



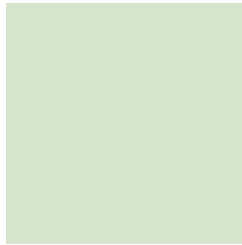
31, 93.273, 314.678



5, 36.274, 314.911

Previews

White Background



This preview shows how the CIELCh color 89, 13.022, 132.358 looks on a white background.

Color Contrast Check

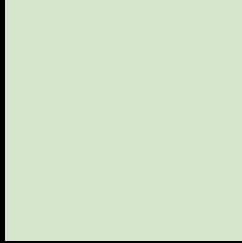
Large Text (above 18pt) WCAG AA × Fail

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, 13.022, 132.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

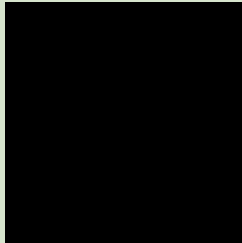
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

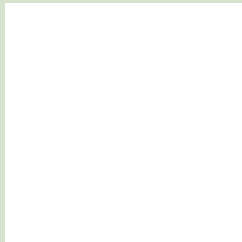
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 13.022, 132.358

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.022, 132.358.

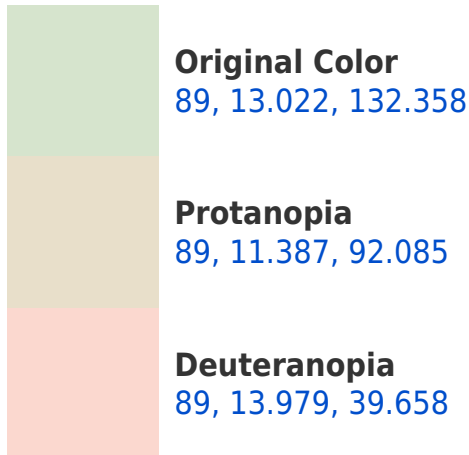


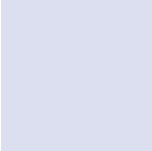
This preview shows how white text looks on a background with the CIELCh color 89, 13.022, 132.358.

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](#).

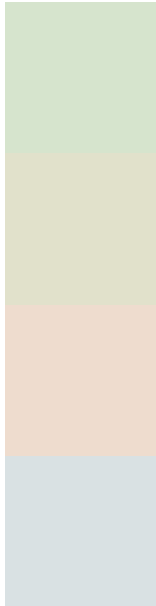
Dichromacy





Tritanopia
89, 8.943, 282.028

Trichromacy



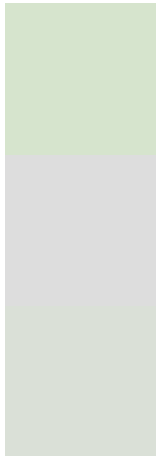
Original Color
89, 13.022, 132.358

Protanomaly
89, 11.401, 109.230

Deuteranomaly
89, 9.892, 66.810

Tritanomaly
89, 2.996, 219.786

Monochromacy



Original Color
89, 13.022, 132.358

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 5.174, 134.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.022, 132.358 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(214, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 228, 205)  
}
```

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(214, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 228, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.022, 132.358 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(214, 228, 205) }
```

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

```
.border{ border-color:rgb(214, 228, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 228, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 228,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.022, 132.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 228, 205) }
```

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

```
.background{ background-color: rgb(214,  
228, 205) }
```

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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