

Converting Colors

CIELCh(89, 42.683, 129.791)

Have a look what the booklet for
CIELCh(89, 42.683, 129.791)
contains.

CIELCh(89, 42.832, 130.025)	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, 42.832, 130.025)

Conversions

Conversions Part 1

Format	Color
Hex	C1EDA0
RGB	193, 237, 160
RGB Percent	76%, 93%, 63%
CMY	0.2446, 0.0721, 0.3739
CMYK	0.19, 0.00, 0.33, 0.07
HSL	94°, 68%, 78%
HSV	94°, 33%, 93%
XYZ	58.3872, 74.1641, 44.3328
YIQ	215.0660, -1.5070, -33.2750

Conversions

Conversions Part 2

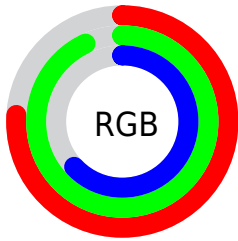
Format	Color
R_{YB}	160, 237, 204
Decimal	12709280
CIE _{Lab}	89.00, -27.55, 32.80
CIE _{LCh}	89, 42.832, 130.025
Yxy	74.1641, 0.3301, 0.4193
Android (android.graphics.Color)	4290899360 (0xFFC1EDA0)
YUV	215.0660, -27.1475, -19.3519
Hunter-Lab	86.1186, -29.6870, 29.7613

Details

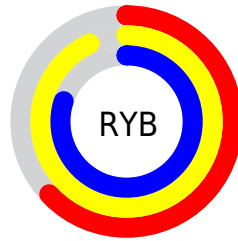
The CIELCh color **89, 42.832, 130.025** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **72, 44.504, 313.013**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.320, 113.853**, and **69, 42.748, 130.261** is the 20% darker color. If you saturate the color by 10%, you get **88, 55.642, 129.539**, and if you desaturate by 10%, it is **90, 29.737, 130.519**.

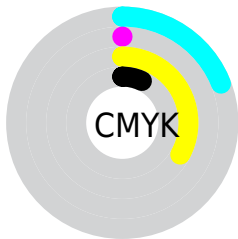
Distribution



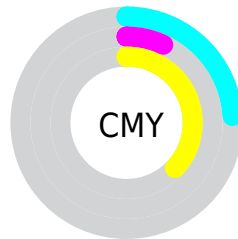
- Red (76%)
- Green (93%)
- Blue (63%)



- Red (63%)
- Yellow (93%)
- Blue (80%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 42.832, 130.025 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, 42.832, 130.025 by changing the saturation by 10% instead.


 89, 42.832,
130.025

 89, 42.832,
130.025


 100, 42.832,
130.025


 79, 42.832,
130.025

 69, 42.832,
130.025

 59, 42.832,
130.025

 49, 42.832,
130.025

 39, 42.832,
130.025


 29, 42.832,
130.025

 19, 42.832,


130.025


 9, 42.832, 130.025


 0, 42.832, 130.025


 89, 42.832,
130.025


 89, 42.832,
130.025

 88, 55.642,
129.539

 90, 29.737,
130.519

 87, 67.911,
129.101

 92, 16.525,
130.994


 86, 79.284,
128.781

 93, 3.321, 131.471

 85, 89.278,
128.684

 95, 9.789, 311.805

 84, 97.318,

 96, 11.462,
324.813

128.941

■ 84, 102.928,
129.665

■ 84, 105.687,
130.457

Harmonies

Complementary

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



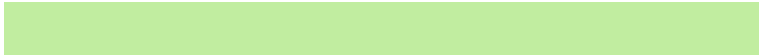
89, 42.832, 130.025



72, 44.504, 313.013

Rectangle

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



89, 42.832, 130.025



89, 42.832, 180.025



89, 42.832, 310.025



89, 42.832, 0.025

Sweetspot

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



89, 42.834, 130.026



98, 14.000, 131.109



84, 26.702, 77.998



52, 9.556, 131.044



0, 0.000, 0.000



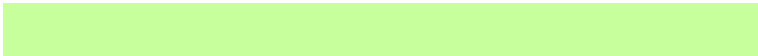
53, 0.007, 296.813

Same Dimension

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



89, 42.834, 130.026



94, 54.357, 129.701



87, 46.676, 143.894



48, 7.432, 131.136



65, 86.232, 130.189



19, 34.462, 129.580

Inverse Universe

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



72, 44.504, 313.013



73, 56.955, 313.333



75, 46.673, 328.137



46, 7.520, 311.918



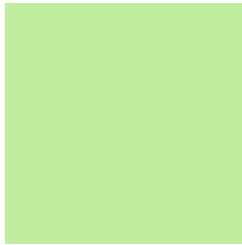
30, 95.008, 313.662



5, 38.025, 314.026

Previews

White Background



This preview shows how the CIELCh color 89, 42.832, 130.025 looks on a white background.

Color Contrast Check

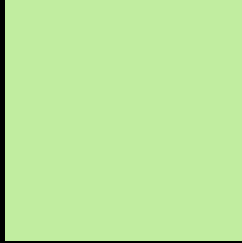
Large Text (above 18pt) WCAG AA × Fail

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, 42.832, 130.025 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, 42.832, 130.025

Background



This preview shows how black text looks on a background with the CIELCh color 89, 42.832, 130.025.

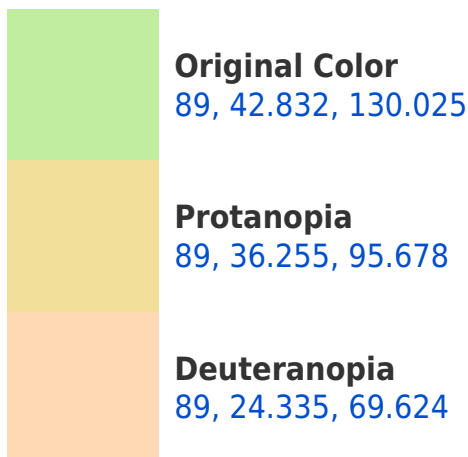


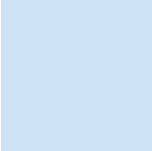
This preview shows how white text looks on a background with the CIELCh color 89, 42.832, 130.025.

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, 11.599, 253.318

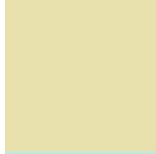
Trichromacy



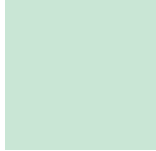
Original Color
89, 42.832, 130.025



Protanomaly
89, 36.920, 110.185



Deuteranomaly
89, 26.518, 101.213

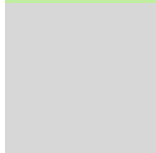


Tritanomaly
89, 13.702, 158.310

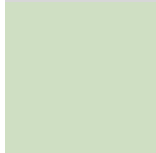
Monochromacy



Original Color
89, 42.832, 130.025



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 15.778, 130.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 42.832, 130.025 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(193, 237, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 237, 160)  
}
```

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(193, 237, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 237, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 42.832, 130.025 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(193, 237, 160) }
```

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

```
.border{ border-color:rgb(193, 237, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 237, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 237, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 237, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 237,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 42.832, 130.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 237, 160) }
```

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

```
.background{ background-color: rgb(193,  
237, 160) }
```

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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