

Converting Colors

CIELCh(89, 30.148, 126.212)

Have a look what the booklet for
CIELCh(89, 30.148, 126.212)
contains.

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Color

CIELCh(89, 29.895, 126.333)

Conversions

Conversions Part 1

Format	Color
Hex	CFE8B1
RGB	207, 232, 177
RGB Percent	81%, 91%, 69%
CMY	0.1882, 0.0901, 0.3058
CMYK	0.11, 0.00, 0.24, 0.09
HSL	87°, 54%, 80%
HSV	87°, 24%, 91%
XYZ	62.5344, 74.1641, 52.6219
YIQ	218.2550, 2.7550, -22.4050

Conversions

Conversions Part 2

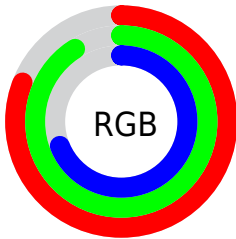
Format	Color
RYB	177, 232, 202
Decimal	13625521
CIELab	89.00, -17.71, 24.08
CIELCh	89, 29.895, 126.333
Yxy	74.1641, 0.3303, 0.3917
Android (android.graphics.Color)	4291815601 (0xFFCFE8B1)
YUV	218.2550, -20.3387, -9.8706
Hunter-Lab	86.1186, -21.0911, 24.0545

Details

The CIELCh color **89, 29.895, 126.333** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76, 30.998, 308.667**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **69, 29.764, 126.323** is the 20% darker color. If you saturate the color by 10%, you get **88, 42.343, 125.836**, and if you desaturate by 10%, it is **90, 17.299, 126.832**.

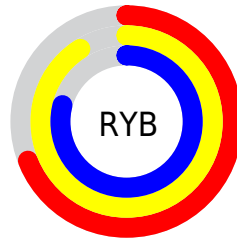
Distribution



Red (81%)

Green (91%)

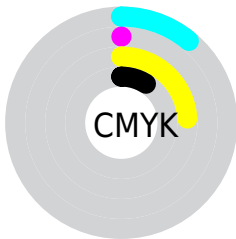
Blue (69%)



Red (69%)

Yellow (91%)

Blue (79%)

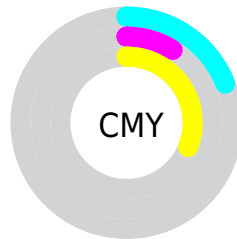


Cyan (11%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (19%)


Magenta (9%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 29.895, 126.333 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, 29.895, 126.333 by changing the saturation by 10% instead.


 89, 29.895,
126.333

 89, 29.895,
126.333


 100, 29.895,
126.333


 79, 29.895,
126.333

 69, 29.895,
126.333

 59, 29.895,
126.333

 49, 29.895,
126.333

 39, 29.895,
126.333


 29, 29.895,
126.333


 19, 29.895,

126.333


 9, 29.895, 126.333

 0, 29.895, 126.333

 89, 29.895,
126.333


 89, 29.895,
126.333

 88, 42.343,
125.836


 90, 17.299,
126.832


 87, 54.471,
125.363

 91, 4.665, 127.323


 86, 66.036,
124.964

 93, 7.927, 307.727

 85, 76.688,
124.712

 94, 13.328,
317.599

 84, 85.946,

 94, 14.351,
324.918

124.712

■ 84, 93.255,
125.092

■ 83, 98.192,
125.961

■ 83, 100.291,
126.703

Harmonies

Complementary

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



89, 29.895, 126.333



76, 30.998, 308.667

Rectangle

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



89, 29.895, 126.333



89, 29.895, 176.333



89, 29.895, 306.333



89, 29.895, 356.333

Sweetspot

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



89, 29.897, 126.335



99, 9.527, 127.157



83, 17.676, 67.070



53, 6.191, 127.127



0, 0.000, 0.000



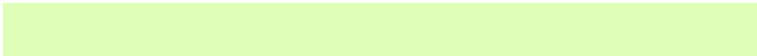
53, 0.007, 296.813

Same Dimension

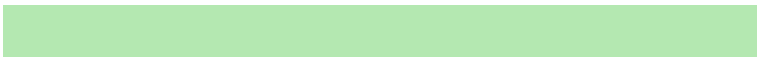
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 29.897, 126.335



96, 38.073, 126.113



87, 34.537, 141.632



48, 7.101, 127.040



65, 82.210, 126.421



18, 31.850, 125.922

Inverse Universe

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



76, 30.998, 308.667



80, 39.766, 308.922



78, 34.630, 324.315



45, 7.208, 307.904



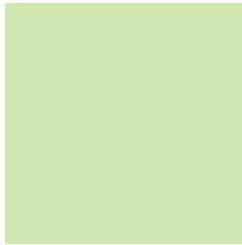
27, 96.385, 310.942



4, 35.347, 309.426

Previews

White Background



This preview shows how the CIELCh color 89, 29.895, 126.333 looks on a white background.

Color Contrast Check

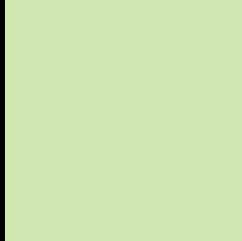
Large Text (above 18pt) WCAG AA × Fail

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, 29.895, 126.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

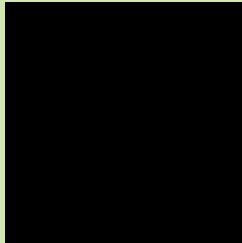
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

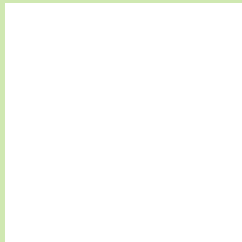
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 29.895, 126.333

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.895, 126.333.

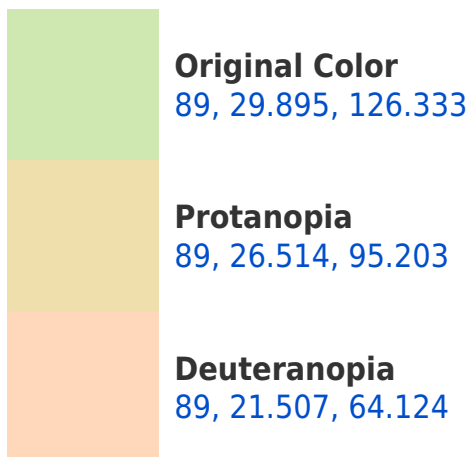


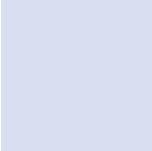
This preview shows how white text looks on a background with the CIELCh color 89, 29.895, 126.333.

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](#).

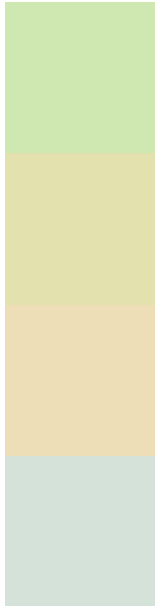
Dichromacy





Tritanopia
89, 9.640, 276.514

Trichromacy



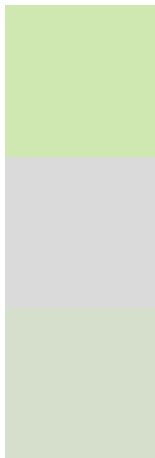
Original Color
89, 29.895, 126.333

Protanomaly
89, 26.810, 107.116

Deuteranomaly
89, 21.142, 91.473

Tritanomaly
89, 6.279, 157.558

Monochromacy



Original Color
89, 29.895, 126.333

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 10.943, 126.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.895, 126.333 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, 232, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 232, 177)  
}
```

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, 232, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.895, 126.333 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, 232, 177) }
```

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

```
.border{ border-color:rgb(207, 232, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 232, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 232, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 232, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 232,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.895, 126.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 177) }
```

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

```
.background{ background-color: rgb(207,  
232, 177) }
```

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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