

Converting Colors

CIELCh(89, 22.855, 144.290)

Have a look what the booklet for
CIELCh(89, 22.855, 144.290)
contains.

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Color

CIELCh(89, 22.702, 144.926)

Conversions

Conversions Part 1

Format	Color
Hex	C4E9C6
RGB	196, 233, 198
RGB Percent	77%, 91%, 78%
CMY	0.2310, 0.0859, 0.2231
CMYK	0.16, 0.00, 0.15, 0.09
HSL	123°, 46%, 84%
HSV	123°, 16%, 91%
XYZ	62.1609, 74.1641, 64.5229
YIQ	217.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

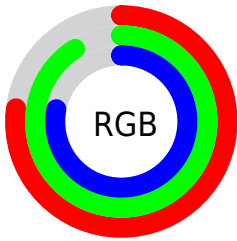
Format	Color
RYB	196, 231, 233
Decimal	12904902
CIELab	89.00, -18.58, 13.05
CIElCh	89, 22.702, 144.926
Yxy	74.1641, 0.3095, 0.3693
Android (android.graphics.Color)	4291094982 (0xFFC4E9C6)
YUV	217.9470, -9.8339, -19.2475
Hunter-Lab	86.1186, -21.8652, 15.8610

Details

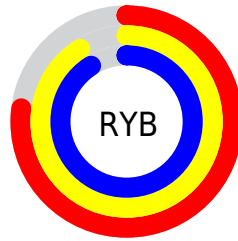
The CIELCh color **89, 22.702, 144.926** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 22.733, 326.808**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **69, 22.585, 144.747** is the 20% darker color. If you saturate the color by 10%, you get **87, 37.065, 144.138**, and if you desaturate by 10%, it is **91, 8.349, 145.616**.

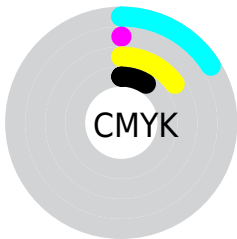
Distribution



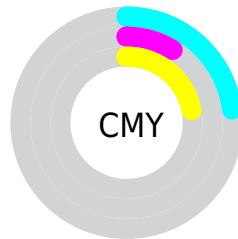
- Red (77%)
- Green (91%)
- Blue (78%)



- Red (77%)
- Yellow (91%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)




- Cyan (23%)
- Magenta (9%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 22.702, 144.926 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, 22.702, 144.926 by changing the saturation by 10% instead.


 89, 22.702,
144.926


 89, 22.702,
144.926


 100, 22.702,
144.926


 79, 22.702,
144.926

 69, 22.702,
144.926

 59, 22.702,
144.926

 49, 22.702,
144.926

 39, 22.702,
144.926

 29, 22.702,
144.926


 19, 22.702,


144.926

 9, 22.702, 144.926


 0, 22.702, 144.926

 89, 22.702,
144.926

 89, 22.702,
144.926


 87, 37.065,
144.138


 91, 8.349, 145.616

 86, 51.197,
143.225

 93, 5.825, 326.093

 84, 64.793,
142.178

 95, 13.671,
324.894

 83, 77.479,
141.011

 82, 88.815,

139.763

■ 82, 98.306,
138.517

■ 81, 105.458,
137.401

■ 81, 109.914,
136.555

■ 81, 111.012,
136.348

Harmonies

Complementary

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



89, 22.702, 144.926



83, 22.733, 326.808

Rectangle

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



89, 22.702, 144.926



89, 22.702, 194.926



89, 22.702, 324.926



89, 22.702, 14.926

Sweetspot

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



89, 22.704, 144.926



99, 7.635, 145.674



91, 19.042, 110.730



53, 5.213, 145.625



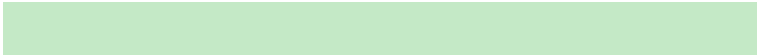
0, 0.000, 0.000



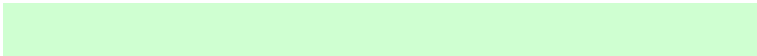
53, 0.007, 296.813

Same Dimension

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



89, 22.704, 144.926



96, 29.255, 144.685



89, 15.766, 165.040



48, 8.138, 145.375



64, 91.618, 136.463



18, 37.207, 139.220

Inverse Universe

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



83, 22.733, 326.808



88, 29.287, 326.993



83, 16.170, 347.853



46, 8.152, 326.435



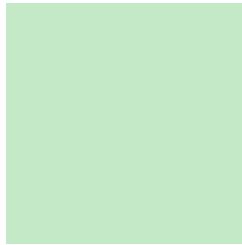
42, 85.661, 330.502



9, 36.910, 330.153

Previews

White Background



This preview shows how the CIE LCh color 89, 22.702, 144.926 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, 22.702, 144.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

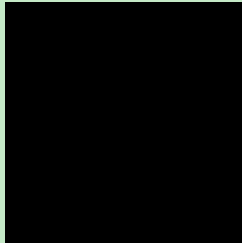
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

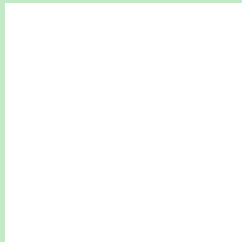
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 22.702, 144.926

Background



This preview shows how black text looks on a background with the CIELCh color 89, 22.702, 144.926.

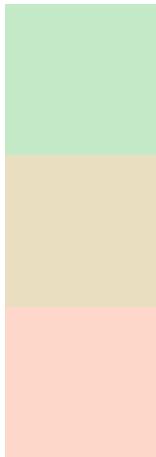


This preview shows how white text looks on a background with the CIELCh color 89, 22.702, 144.926.

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, 22.702, 144.926

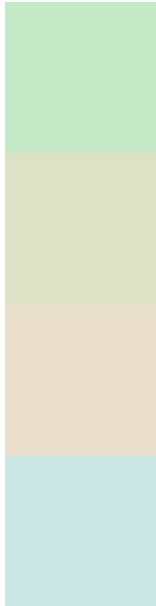
Protanopia
89, 15.713, 92.058

Deuteranopia
89, 15.615, 45.727



Tritanopia
89, 11.985, 250.764

Trichromacy



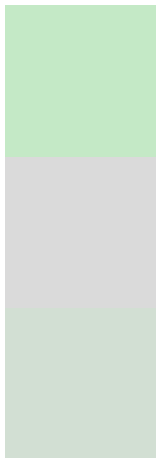
Original Color
89, 22.702, 144.926

Protanomaly
89, 16.221, 116.800

Deuteranomaly
89, 11.513, 90.285

Tritanomaly
89, 9.723, 195.718

Monochromacy



Original Color
89, 22.702, 144.926

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 7.865, 146.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 22.702, 144.926 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(196, 233, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 198)  
}
```

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(196, 233, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 22.702, 144.926 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(196, 233, 198) }
```

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

```
.border{ border-color:rgb(196, 233, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 233, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 233, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 233, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 233,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 22.702, 144.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 233, 198) }
```

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

```
.background{ background-color: rgb(196,  
233, 198) }
```

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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