

Converting Colors

CIELCh(89, 19.205, 151.257)

Have a look what the booklet for
CIELCh(89, 19.205, 151.257)
contains.

CIELCh(89, 19.205, 151.257)	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, 19.205, 151.257)

Conversions

Conversions Part 1

Format	Color
Hex	C4E8CD
RGB	196, 232, 205
RGB Percent	77%, 91%, 80%
CMY	0.2298, 0.0886, 0.1945
CMYK	0.15, 0.00, 0.12, 0.09
HSL	135°, 44%, 84%
HSV	135°, 15%, 91%
XYZ	62.9120, 74.1641, 69.0134
YIQ	218.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

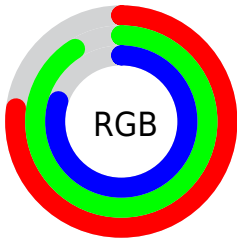
Format	Color
RYB	196, 225, 232
Decimal	12904653
CIELab	89.00, -16.84, 9.24
CIElCh	89, 19.205, 151.257
Yxy	74.1641, 0.3053, 0.3599
Android (android.graphics.Color)	4291094733 (0xFFC4E8CD)
YUV	218.1580, -6.4869, -19.4326
Hunter-Lab	86.1186, -20.3085, 12.7695

Details

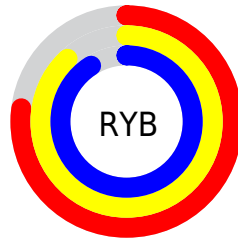
The CIELCh color **89, 19.205, 151.257** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 19.303, 333.345**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **69, 18.909, 151.517** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.639, 150.398**, and if you desaturate by 10%, it is **91, 6.773, 152.027**.

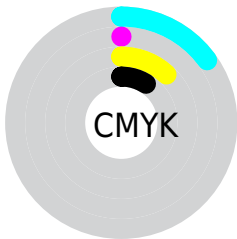
Distribution



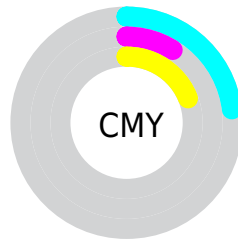
- Red (77%)
- Green (91%)
- Blue (80%)



- Red (77%)
- Yellow (88%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)




- Cyan (23%)
- Magenta (9%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 19.205, 151.257 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, 19.205, 151.257 by changing the saturation by 10% instead.


 89, 19.205,
151.257


 89, 19.205,
151.257


 100, 19.205,
151.257


 79, 19.205,
151.257

 69, 19.205,
151.257

 59, 19.205,
151.257

 49, 19.205,
151.257

 39, 19.205,
151.257


 29, 19.205,
151.257


 19, 19.205,


151.257

 9, 19.205, 151.257


 0, 19.205, 151.257

 89, 19.205,
151.257


 89, 19.205,
151.257


 87, 31.639,
150.398


 91, 6.773, 152.027

 86, 43.888,
149.410

 93, 5.525, 332.549

 94, 14.101,
324.909

 84, 55.737,
148.270

 83, 66.939,
146.959

 82, 77.235,

145.471

■ 82, 86.380,
143.818

■ 81, 94.167,
142.039

■ 81, 100.448,
140.219

■ 81, 102.826,
139.458

Harmonies

Complementary

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



89, 19.205, 151.257



83, 19.303, 333.345

Rectangle

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



89, 19.205, 151.257



89, 19.205, 201.257



89, 19.205, 331.257



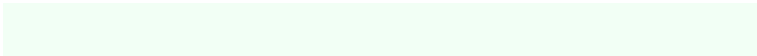
89, 19.205, 21.257

Sweetspot

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



89, 19.207, 151.256



99, 6.641, 152.064



91, 18.827, 118.275



53, 4.534, 152.009



0, 0.000, 0.000



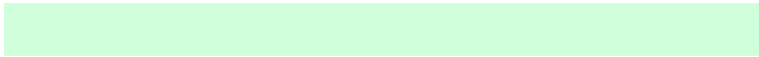
53, 0.007, 296.813

Same Dimension

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



89, 19.207, 151.256



96, 25.414, 150.961



89, 13.585, 176.894



48, 7.075, 151.724



64, 84.677, 139.765



18, 33.485, 143.291

Inverse Universe

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



83, 19.303, 333.345



88, 25.558, 333.598



83, 14.284, 359.828



46, 7.104, 332.925



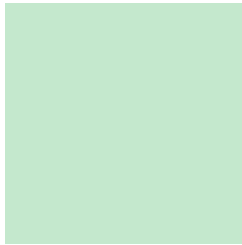
41, 73.832, 341.330



8, 32.454, 338.964

Previews

White Background



This preview shows how the CIELCh color 89, 19.205, 151.257 looks on a white background.

Color Contrast Check

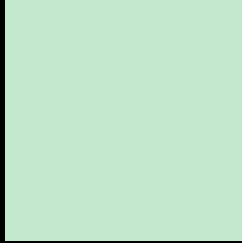
Large Text (above 18pt) WCAG AA × Fail

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, 19.205, 151.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

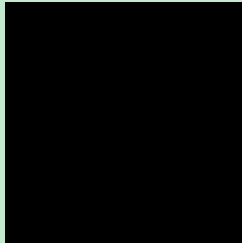
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

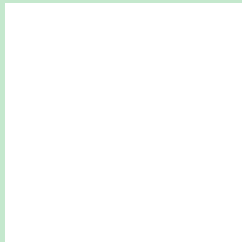
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 19.205, 151.257

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.205, 151.257.

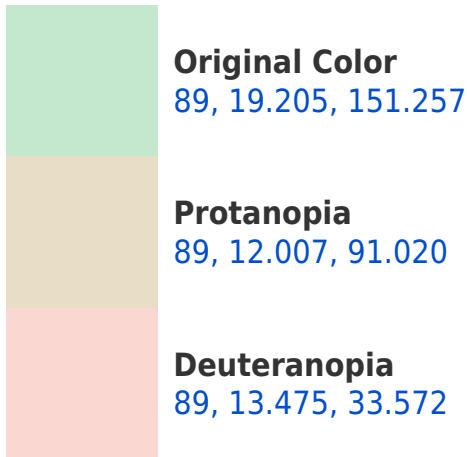


This preview shows how white text looks on a background with the CIELCh color 89, 19.205, 151.257.

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](#).

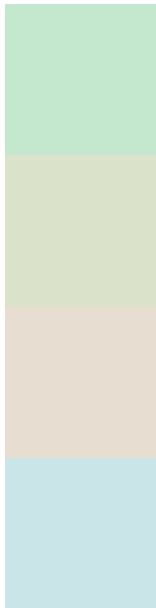
Dichromacy





Tritanopia
89, 12.190, 249.558

Trichromacy



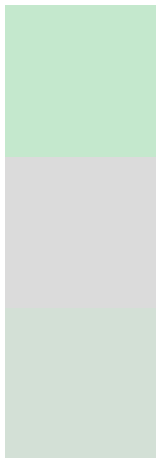
Original Color
89, 19.205, 151.257

Protanomaly
89, 12.725, 120.876

Deuteranomaly
89, 7.683, 80.828

Tritanomaly
89, 9.673, 205.023

Monochromacy



Original Color
89, 19.205, 151.257

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 7.042, 151.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.205, 151.257 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, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(196, 232, 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(196, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 232, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.205, 151.257 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, 232, 205) }
```

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

```
.border{ border-color:rgb(196, 232, 205) }
```

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

Here you see how a box with a 4 pixel rgb(196, 232, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 232, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 232, 205);  
box-shadow:4px 4px 4px 4px rgb(196, 232,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.205, 151.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 232, 205) }
```

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

```
.background{ background-color: rgb(196,  
232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor