

Converting Colors

CIELCh(89, 19.180, 154.429)

Have a look what the booklet for
CIELCh(89, 19.180, 154.429)
contains.

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Color

CIELCh(89, 19.542, 154.407)

Conversions

Conversions Part 1

Format	Color
Hex	C2E9CF
RGB	194, 233, 207
RGB Percent	76%, 91%, 81%
CMY	0.2397, 0.0867, 0.1887
CMYK	0.17, 0.00, 0.11, 0.09
HSL	140°, 47%, 84%
HSV	140°, 17%, 91%
XYZ	62.5721, 74.1641, 69.9742
YIQ	218.3750, -14.8980, -16.3540

Conversions

Conversions Part 2

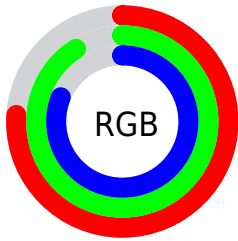
Format	Color
RYB	194, 223, 233
Decimal	12773839
CIELab	89.00, -17.62, 8.44
CIELCh	89, 19.542, 154.407
Yxy	74.1641, 0.3027, 0.3588
Android (android.graphics.Color)	4290963919 (0xFFC2E9CF)
YUV	218.3750, -5.6079, -21.3769
Hunter-Lab	86.1186, -21.0128, 12.1079

Details

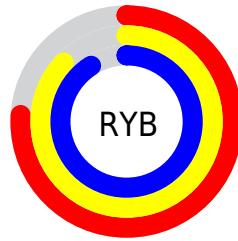
The CIELCh color **89, 19.542, 154.407** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 19.717, 336.862**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **69, 19.259, 154.824** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.200, 153.488**, and if you desaturate by 10%, it is **91, 7.842, 155.232**.

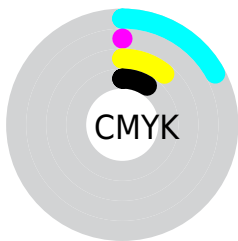
Distribution



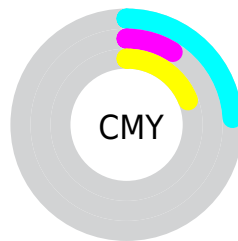
- Red (76%)
- Green (91%)
- Blue (81%)



- Red (76%)
- Yellow (87%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 19.542, 154.407 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, 19.542, 154.407 by changing the saturation by 10% instead.


 89, 19.542,
154.407

 89, 19.542,
154.407


 100, 19.542,
154.407


 79, 19.542,
154.407

 69, 19.542,
154.407

 59, 19.542,
154.407

 49, 19.542,
154.407

 39, 19.542,
154.407


 29, 19.542,
154.407

 19, 19.542,


154.407

 9, 19.542, 154.407

 0, 19.542, 154.407

 89, 19.542,
154.407


 89, 19.542,
154.407


 87, 31.200,
153.488


 91, 7.842, 155.232


 86, 42.641,
152.440

 93, 3.769, 335.779

 85, 53.666,
151.235

 95, 13.168,
326.837

 83, 64.056,
149.852

 95, 13.808,
324.899

 83, 73.596,

148.277

■ 82, 82.099,
146.507

■ 82, 89.435,
144.567

■ 81, 95.559,
142.520

■ 81, 97.349,
141.884

Harmonies

Complementary

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



89, 19.542, 154.407



82, 19.717, 336.862

Rectangle

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



89, 19.542, 154.407



89, 19.542, 204.407



89, 19.542, 334.407



89, 19.542, 24.407

Sweetspot

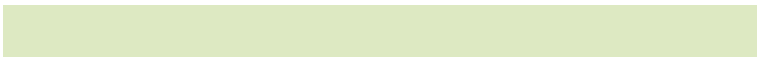
The Sweet Spot groups the original color and five complimentary colors.



89, 19.544, 154.406



99, 6.248, 155.376



91, 20.631, 121.486



53, 4.265, 155.316



0, 0.000, 0.000



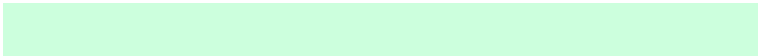
53, 0.007, 296.813

Same Dimension

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



89, 19.544, 154.406



96, 25.131, 154.111



89, 14.037, 183.073



48, 6.653, 155.011



64, 79.967, 142.243



19, 31.532, 145.962

Inverse Universe

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



82, 19.717, 336.862



87, 25.389, 337.126



82, 15.066, 6.151



46, 6.693, 336.301



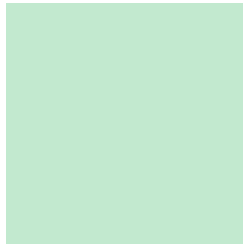
40, 69.962, 347.377



8, 30.881, 343.734

Previews

White Background



This preview shows how the CIELCh color 89, 19.542, 154.407 looks on a white background.

Color Contrast Check

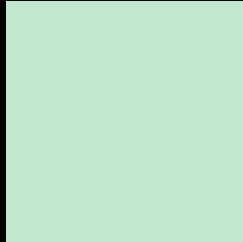
Large Text (above 18pt) WCAG AA × Fail

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, 19.542, 154.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

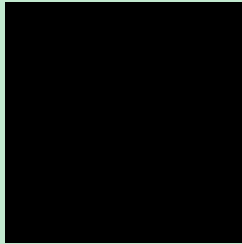
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

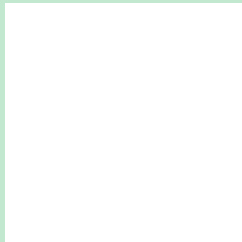
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 19.542, 154.407

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.542, 154.407.

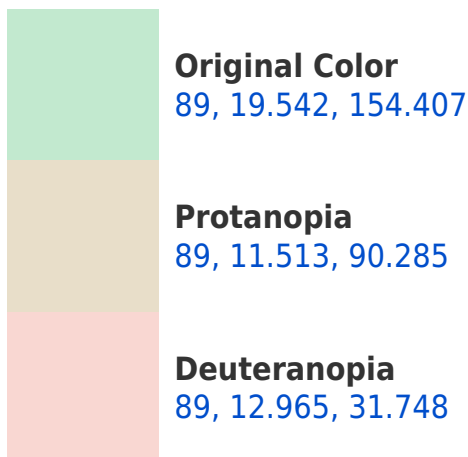


This preview shows how white text looks on a background with the CIELCh color 89, 19.542, 154.407.

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](#).

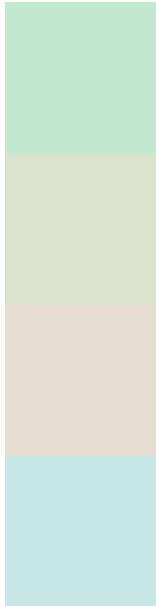
Dichromacy





Tritanopia
89, 12.611, 247.274

Trichromacy



Original Color
89, 19.542, 154.407

Protanomaly
89, 12.308, 123.053

Deuteranomaly
89, 7.210, 88.638

Tritanomaly
89, 10.660, 204.378

Monochromacy



Original Color
89, 19.542, 154.407

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 6.920, 156.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.542, 154.407 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(194, 233, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 233, 207)  
}
```

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(194, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 233, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.542, 154.407 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(194, 233, 207) }
```

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

```
.border{ border-color:rgb(194, 233, 207) }
```

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

Here you see how a box with a 4 pixel rgb(194, 233, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 233, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 233, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 233,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.542, 154.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 233, 207) }
```

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

```
.background{ background-color: rgb(194,  
233, 207) }
```

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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