

Converting Colors

CIELCh(89, 13.502, 169.086)

Have a look what the booklet for
CIELCh(89, 13.502, 169.086)
contains.

CIELCh(89, 13.542, 168.512)	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, 13.542, 168.512)

Conversions

Conversions Part 1

Format	Color
Hex	C6E7DA
RGB	198, 231, 218
RGB Percent	78%, 91%, 85%
CMY	0.2238, 0.0944, 0.1454
CMYK	0.14, 0.00, 0.06, 0.09
HSL	156°, 41%, 84%
HSV	156°, 14%, 91%
XYZ	64.4700, 74.1641, 77.1965
YIQ	219.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

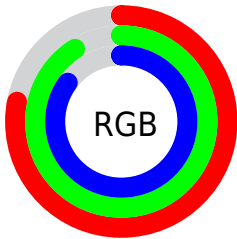
Format	Color
RYB	198, 219, 231
Decimal	13035482
CIELab	89.00, -13.27, 2.70
CIELCh	89, 13.542, 168.512
Yxy	74.1641, 0.2987, 0.3436
Android (android.graphics.Color)	4291225562 (0xFFC6E7DA)
YUV	219.6510, -0.8139, -18.9879
Hunter-Lab	86.1186, -17.0790, 7.1356

Details

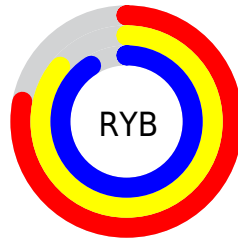
The CIELCh color **89, 13.542, 168.512** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 13.940, 351.099**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 13.312, 168.620** is the 20% darker color. If you saturate the color by 10%, you get **87, 22.854, 167.471**, and if you desaturate by 10%, it is **91, 4.075, 169.528**.

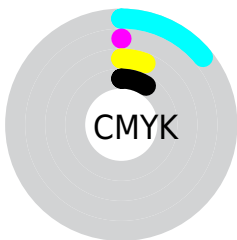
Distribution



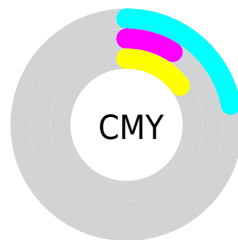
- Red (78%)
- Green (91%)
- Blue (85%)



- Red (78%)
- Yellow (86%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)





- Cyan (22%)
- Magenta (9%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 13.542, 168.512 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, 13.542, 168.512 by changing the saturation by 10% instead.


 89, 13.542,
168.512


 89, 13.542,
168.512


 100, 13.542,
168.512


 79, 13.542,
168.512

 69, 13.542,
168.512

 59, 13.542,
168.512

 49, 13.542,
168.512

 39, 13.542,
168.512

 29, 13.542,
168.512

 19, 13.542,

168.512

■ 9, 13.542, 168.512

■ 0, 13.542, 168.512

■ 89, 13.542,
168.512

■ 89, 13.542,
168.512

■ 87, 22.854,
167.471

■ 91, 4.075, 169.528

■ 86, 31.866,
166.337

■ 93, 5.436, 350.177

■ 85, 40.422,
165.078

■ 94, 11.301,
339.607

■ 84, 48.361,
163.669

■ 94, 14.752,
325.706

■ 83, 55.536,

■ 94, 15.036,
324.943

162.084

■ 82, 61.834,
160.300

■ 82, 67.208,
158.302

■ 81, 71.695,
156.097

■ 81, 73.979,
154.799

Harmonies

Complementary

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



89, 13.542, 168.512



83, 13.940, 351.099

Rectangle

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



89, 13.542, 168.512



89, 13.542, 218.512



89, 13.542, 348.512



89, 13.542, 38.512

Sweetspot

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



89, 13.544, 168.508



99, 4.117, 169.560



89, 18.619, 131.873



53, 2.926, 169.471



0, 0.000, 0.000



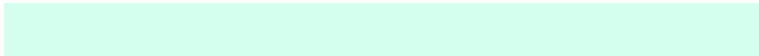
53, 0.007, 296.813

Same Dimension

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



89, 13.544, 168.508



97, 17.434, 168.225



88, 10.290, 208.448



47, 5.365, 168.989



64, 60.544, 155.218



18, 23.619, 159.373

Inverse Universe

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



83, 13.940, 351.099



89, 18.045, 351.399



83, 11.317, 28.976



45, 5.471, 350.598



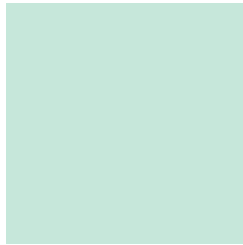
38, 64.946, 12.107



7, 26.885, 2.698

Previews

White Background



This preview shows how the CIE LCh color 89, 13.542, 168.512 looks on a white background.

Color Contrast Check

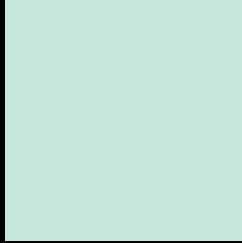
Large Text (above 18pt) WCAG AA × Fail

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, 13.542, 168.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

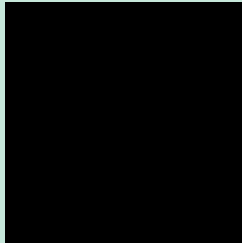
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

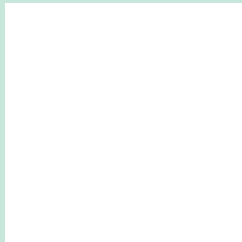
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 13.542, 168.512

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.542, 168.512.

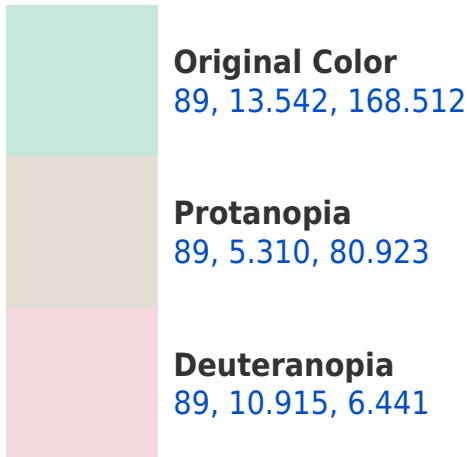


This preview shows how white text looks on a background with the CIELCh color 89, 13.542, 168.512.

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](#).

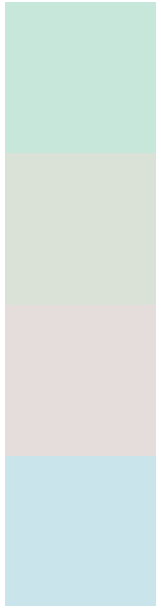
Dichromacy





Tritanopia
89, 12.190, 249.558

Trichromacy



Original Color
89, 13.542, 168.512

Protanomaly
89, 5.800, 135.582

Deuteranomaly
89, 2.576, 30.984

Tritanomaly
89, 9.832, 220.734

Monochromacy



Original Color
89, 13.542, 168.512

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.040, 168.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.542, 168.512 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(198, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 218)  
}
```

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(198, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.542, 168.512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

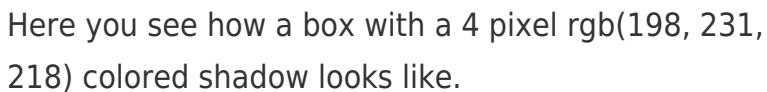
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 231, 218) }
```

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

```
.border{ border-color:rgb(198, 231, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 231, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 231, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 231, 218); box-shadow:4px 4px 4px 4px rgb(198, 231, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.542, 168.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 218) }
```

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

```
.background{ background-color: rgb(198,  
231, 218) }
```

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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