

Converting Colors

CIELCh(89, 13.923, 198.506)

Have a look what the booklet for
CIELCh(89, 13.923, 198.506)
contains.

CIELCh(89, 13.923, 198.506)	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, 13.923, 198.506)

Conversions

Conversions Part 1

Format	Color
Hex	BEE7E7
RGB	190, 231, 231
RGB Percent	75%, 91%, 91%
CMY	0.2534, 0.0925, 0.0926
CMYK	0.18, 0.00, 0.00, 0.09
HSL	180°, 46%, 83%
HSV	180°, 18%, 91%
XYZ	64.4998, 74.1641, 86.8114
YIQ	218.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

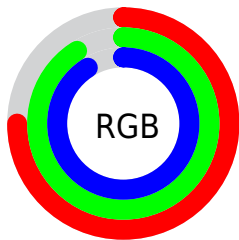
Format	Color
R_{YB}	190, 211, 231
Decimal	12511207
CIE _{Lab}	89.00, -13.20, -4.42
CIE _{LCh}	89, 13.923, 198.506
Y _{xy}	74.1641, 0.2861, 0.3289
Android (android.graphics.Color)	4290701287 (0xFFBEE7E7)
YUV	218.7410, 6.0437, -25.2059
Hunter-Lab	86.1186, -17.0173, 0.5161

Details

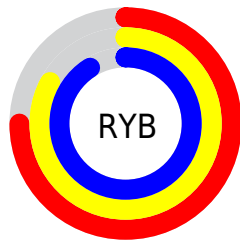
The CIELCh color **89, 13.923, 198.506** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 15.635, 20.622**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **69, 13.765, 198.298** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.047, 198.013**, and if you desaturate by 10%, it is **91, 6.238, 199.071**.

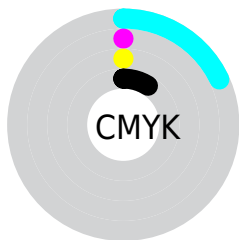
Distribution



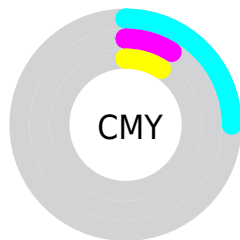
- Red (75%)
- Green (91%)
- Blue (91%)



- Red (75%)
- Yellow (83%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)




- Cyan (25%)
- Magenta (9%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 13.923, 198.506 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, 13.923, 198.506 by changing the saturation by 10% instead.


 89, 13.923,
198.506


 89, 13.923,
198.506


 100, 13.923,
198.506


 79, 13.923,
198.506

 69, 13.923,
198.506

 59, 13.923,
198.506

 49, 13.923,
198.506

 39, 13.923,
198.506

 29, 13.923,
198.506

 19, 13.923,

198.506

■ 9, 13.923, 198.506

■ 0, 13.923, 198.506

■ 89, 13.923,
198.506

■ 89, 13.923,
198.506

■ 88, 21.047,
198.013

■ 91, 6.238, 199.071

■ 87, 27.473,
197.587

■ 92, 1.882, 19.200

■ 86, 33.074,
197.224

■ 94, 8.543, 19.914

■ 85, 37.741,
196.926

■ 94, 8.543, 19.906

■ 84, 41.400,

■ 94, 8.543, 19.899

■ 94, 8.543, 19.891

196.695

94, 8.543, 19.883

84, 44.029,
196.531

94, 8.543, 19.876

84, 45.667,
196.428

94, 8.543, 19.868

84, 46.448,
196.379

84, 46.570,
196.371

Harmonies

Complementary

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



89, 13.923, 198.506



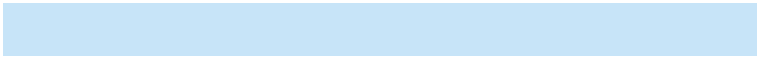
81, 15.635, 20.622

Rectangle

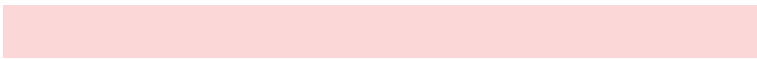
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 13.923, 198.506



89, 13.923, 248.506



89, 13.923, 18.506



89, 13.923, 68.506

Sweetspot

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



89, 13.924, 198.499



99, 4.397, 199.269



88, 26.020, 142.910



53, 2.995, 199.212



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, 13.924, 198.499



97, 17.658, 198.327



84, 12.514, 256.084



47, 4.537, 198.961



66, 38.349, 196.372



18, 16.093, 196.374

Inverse Universe

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



81, 15.635, 20.622



86, 20.312, 20.942



85, 13.171, 71.419



45, 4.817, 19.927



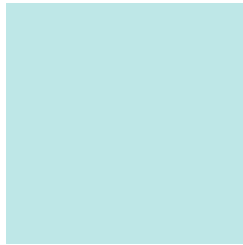
37, 79.980, 39.968



6, 27.104, 21.754

Previews

White Background



This preview shows how the CIE LCh color 89, 13.923, 198.506 looks on a white background.

Color Contrast Check

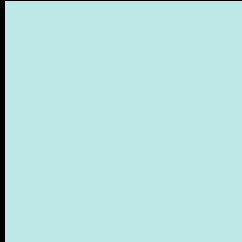
Large Text (above 18pt) WCAG AA × Fail

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, 13.923, 198.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

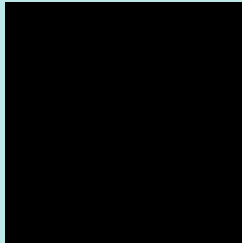
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

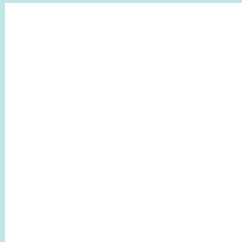
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 13.923, 198.506

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.923, 198.506.

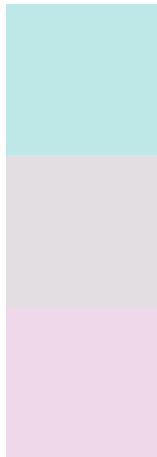


This preview shows how white text looks on a background with the CIELCh color 89, 13.923, 198.506.

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, 13.923, 198.506

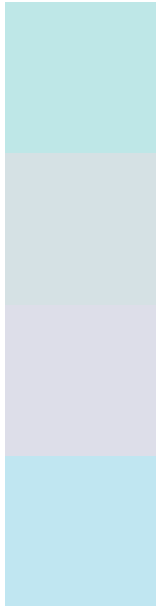
Protanopia
89, 2.549, 324.428

Deuteranopia
89, 12.505, 331.726



Tritanopia
89, 14.897, 238.007

Trichromacy



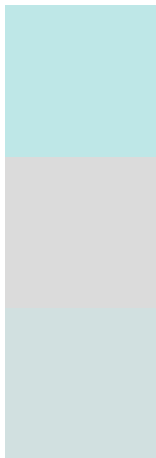
Original Color
89, 13.923, 198.506

Protanomaly
89, 4.466, 219.786

Deuteranomaly
89, 5.746, 287.164

Tritanomaly
89, 13.755, 223.411

Monochromacy



Original Color
89, 13.923, 198.506

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 5.281, 199.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.923, 198.506 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(190, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(190, 231, 231)  
}
```

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(190, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 231, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.923, 198.506 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(190, 231, 231) }
```

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

```
.border{ border-color:rgb(190, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(190, 231,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.923, 198.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 231, 231) }
```

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

```
.background{ background-color: rgb(190,  
231, 231) }
```

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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