

Converting Colors

CIELCh(89, 30.288, 152.759)

Have a look what the booklet for
CIELCh(89, 30.288, 152.759)
contains.

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Color

CIELCh(89, 30.109, 152.533)

Conversions

Conversions Part 1

Format	Color
Hex	B2EDC4
RGB	178, 237, 196
RGB Percent	70%, 93%, 77%
CMY	0.3012, 0.0698, 0.2306
CMYK	0.25, 0.00, 0.17, 0.07
HSL	138°, 62%, 81%
HSV	138°, 25%, 93%
XYZ	58.7304, 74.1641, 63.5574
YIQ	214.6850, -22.0030, -25.2590

Conversions

Conversions Part 2

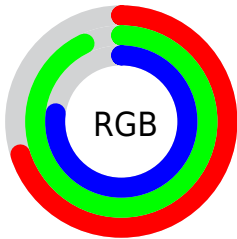
Format	Color
RYB	178, 223, 237
Decimal	11726276
CIELab	89.00, -26.72, 13.89
CIELCh	89, 30.109, 152.533
Yxy	74.1641, 0.2990, 0.3775
Android (android.graphics.Color)	4289916356 (0xFFB2EDC4)
YUV	214.6850, -9.2117, -32.1727
Hunter-Lab	86.1186, -28.9756, 16.5257

Details

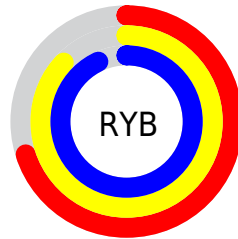
The CIELCh color **89, 30.109, 152.533** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 30.412, 336.278**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.967, 190.631**, and **69, 30.290, 152.359** is the 20% darker color. If you saturate the color by 10%, you get **87, 42.049, 151.524**, and if you desaturate by 10%, it is **91, 17.993, 153.414**.

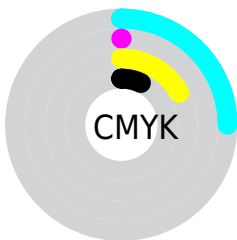
Distribution



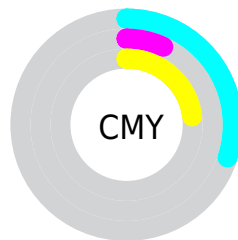
- Red (70%)
- Green (93%)
- Blue (77%)



- Red (70%)
- Yellow (87%)
- Blue (93%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)





- Cyan (30%)
- Magenta (7%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 30.109, 152.533 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, 30.109, 152.533 by changing the saturation by 10% instead.


 89, 30.109,
152.533


 89, 30.109,
152.533


 100, 30.109,
152.533


 79, 30.109,
152.533

 69, 30.109,
152.533

 59, 30.109,
152.533

 49, 30.109,
152.533

 39, 30.109,
152.533


 29, 30.109,
152.533


 19, 30.109,

152.533


 9, 30.109, 152.533


 0, 30.109, 152.533

 89, 30.109,
152.533

 89, 30.109,
152.533

 87, 42.049,
151.524

 91, 17.993,
153.414


 86, 53.603,
150.363

 93, 5.867, 154.219

 85, 64.543,
149.028

 95, 6.134, 334.758

 84, 74.634,
147.505

 96, 11.102,
324.800

 83, 83.663,

145.795

■ 83, 91.466,
143.920

■ 83, 97.951,
141.944

■ 82, 100.816,
140.965

Harmonies

Complementary

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



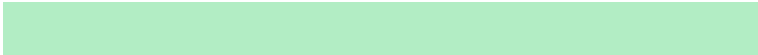
89, 30.109, 152.533



79, 30.412, 336.278

Rectangle

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



89, 30.109, 152.533



89, 30.109, 202.533



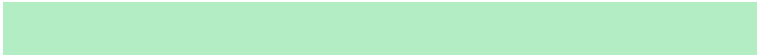
89, 30.109, 332.533



89, 30.109, 22.533

Sweetspot

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



89, 30.111, 152.532



98, 8.944, 154.044



91, 30.945, 120.351



52, 5.814, 153.996



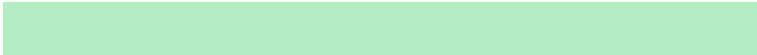
0, 0.000, 0.000



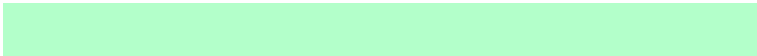
53, 0.007, 296.813

Same Dimension

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



89, 30.111, 152.532



94, 38.450, 152.021



90, 21.010, 180.966



49, 6.915, 153.849



65, 82.548, 141.309



20, 33.366, 144.727

Inverse Universe

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



79, 30.412, 336.278



81, 38.882, 336.698



78, 23.282, 5.904



47, 6.952, 335.111



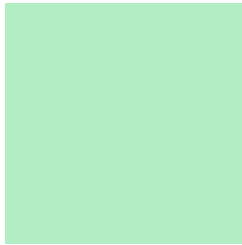
41, 71.902, 345.247



9, 32.276, 342.213

Previews

White Background



This preview shows how the CIELCh color 89, 30.109, 152.533 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, 30.109, 152.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

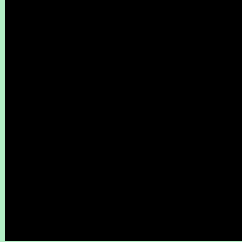
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

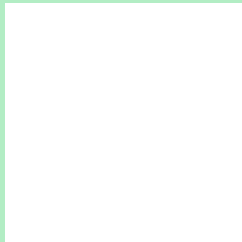
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 30.109, 152.533

Background



This preview shows how black text looks on a background with the CIELCh color 89, 30.109, 152.533.

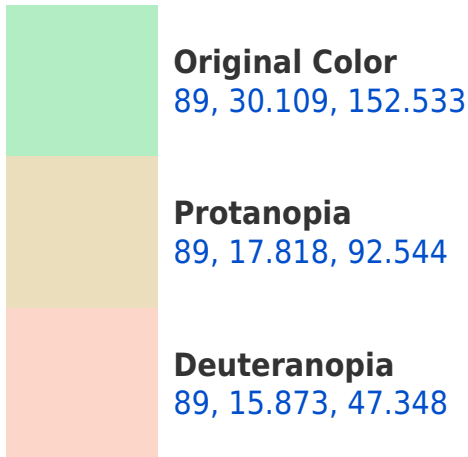


This preview shows how white text looks on a background with the CIELCh color 89, 30.109, 152.533.

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



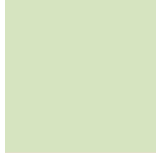


Tritanopia
89, 16.367, 233.820

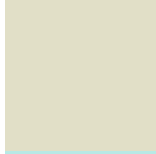
Trichromacy



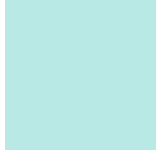
Original Color
89, 30.109, 152.533



Protanomaly
89, 19.379, 124.301

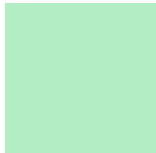


Deuteranomaly
88, 12.471, 105.702

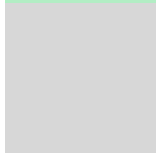


Tritanomaly
89, 16.759, 191.125

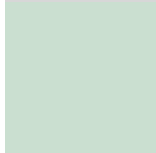
Monochromacy



Original Color
89, 30.109, 152.533



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 10.963, 153.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 30.109, 152.533 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(178, 237, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 237, 196)  
}
```

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(178, 237, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 237, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 30.109, 152.533 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(178, 237, 196) }
```

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

```
.border{ border-color:rgb(178, 237, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 237, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 237, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 237, 196);  
box-shadow:4px 4px 4px 4px rgb(178, 237,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 30.109, 152.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 237, 196) }
```

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

```
.background{ background-color: rgb(178,  
237, 196) }
```

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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