

Converting Colors

CIELCh(89, 29.494, 143.644)

Have a look what the booklet for
CIELCh(89, 29.494, 143.644)
contains.

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Color

CIELCh(89, 29.888, 143.160)

Conversions

Conversions Part 1

Format	Color
Hex	BDECBD
RGB	189, 236, 189
RGB Percent	74%, 93%, 74%
CMY	0.2605, 0.0762, 0.2604
CMYK	0.20, 0.00, 0.20, 0.08
HSL	120°, 55%, 83%
HSV	120°, 20%, 92%
XYZ	59.8945, 74.1641, 59.0670
YIQ	216.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

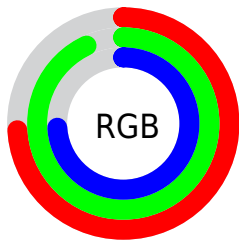
Format	Color
R _{YB}	189, 236, 236
Decimal	12446909
CIE _{Lab}	89.00, -23.92, 17.92
CIE _{LCh}	89, 29.888, 143.160
Y _{xy}	74.1641, 0.3101, 0.3840
Android (android.graphics.Color)	4290636989 (0xFFBDECBD)
YUV	216.5890, -13.6014, -24.1956
Hunter-Lab	86.1186, -26.5629, 19.6172

Details

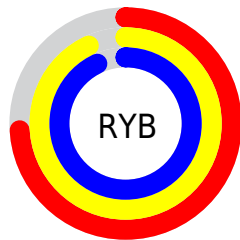
The CIELCh color **89, 29.888, 143.160** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 29.911, 325.532**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.010, 141.565**, and **69, 29.666, 143.378** is the 20% darker color. If you saturate the color by 10%, you get **87, 44.843, 142.336**, and if you desaturate by 10%, it is **91, 14.840, 143.872**.

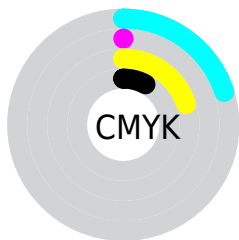
Distribution



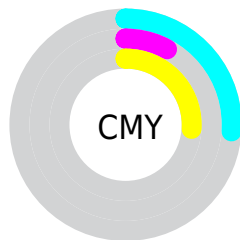
- Red (74%)
- Green (93%)
- Blue (74%)



- Red (74%)
- Yellow (93%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (26%)
- Magenta (8%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 29.888, 143.160 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, 29.888, 143.160 by changing the saturation by 10% instead.


 89, 29.888,
143.160


 89, 29.888,
143.160


 100, 29.888,
143.160


 79, 29.888,
143.160

 69, 29.888,
143.160

 59, 29.888,
143.160

 49, 29.888,
143.160

 39, 29.888,
143.160

 29, 29.888,
143.160


 19, 29.888,

143.160


 9, 29.888, 143.160


 0, 29.888, 143.160


 89, 29.888,
143.160

 89, 29.888,
143.160


 87, 44.843,
142.336


 91, 14.840,
143.872

 86, 59.406,
141.388

 93, 0.089, 321.155

 84, 73.199,
140.326

 95, 12.123,
324.837

 83, 85.749,
139.189

 83, 96.492,

138.060

■ 82, 104.812,
137.072

■ 82, 110.196,
136.373

■ 82, 112.795,
136.018

■ 82, 112.806,
136.016

Harmonies

Complementary

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



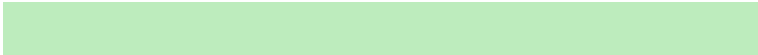
89, 29.888, 143.160



82, 29.911, 325.532

Rectangle

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



89, 29.888, 143.160



89, 29.888, 193.160



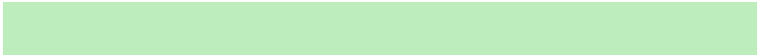
89, 29.888, 323.160



89, 29.888, 13.160

Sweetspot

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



89, 29.890, 143.160



99, 9.516, 144.130



92, 24.071, 108.238



52, 6.316, 144.087



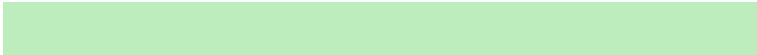
0, 0.000, 0.000



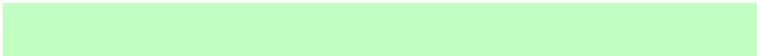
53, 0.007, 296.813

Same Dimension

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



89, 29.890, 143.160



95, 38.365, 142.832



90, 20.705, 161.901



48, 8.444, 143.904



64, 92.619, 136.017



18, 38.235, 138.277

Inverse Universe

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



82, 29.911, 325.532



85, 38.380, 325.759



81, 21.232, 345.401



46, 8.457, 324.944



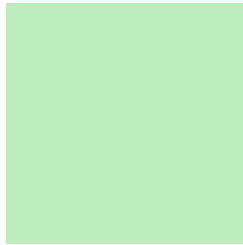
43, 89.358, 328.236



9, 38.265, 328.235

Previews

White Background



This preview shows how the CIELCh color 89, 29.888, 143.160 looks on a white background.

Color Contrast Check

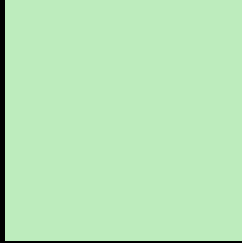
Large Text (above 18pt) WCAG AA × Fail

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, 29.888, 143.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

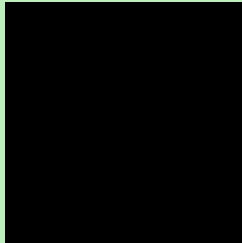
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 29.888, 143.160

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.888, 143.160.



This preview shows how white text looks on a background with the CIELCh color 89, 29.888, 143.160.

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, 29.888, 143.160

Protanopia
89, 21.424, 93.804

Deuteranopia
89, 19.294, 56.263

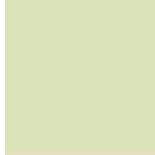


Tritanopia
89, 13.491, 243.163

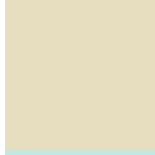
Trichromacy



Original Color
89, 29.888, 143.160



Protanomaly
89, 22.431, 116.126



Deuteranomaly
88, 16.434, 96.813

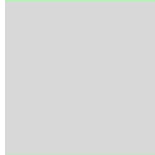


Tritanomaly
89, 12.905, 184.508

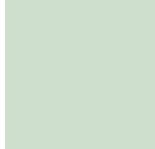
Monochromacy



Original Color
89, 29.888, 143.160



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 10.860, 144.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.888, 143.160 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(189, 236, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 189)  
}
```

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(189, 236, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.888, 143.160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

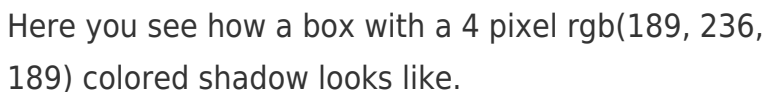
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 236, 189) }
```

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

```
.border{ border-color:rgb(189, 236, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 236, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 236, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 236, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 236,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.888, 143.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 189) }
```

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

```
.background{ background-color: rgb(189,  
236, 189) }
```

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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