

Converting Colors

CIELCh(89, 15.582, 184.552)

Have a look what the booklet for
CIELCh(89, 15.582, 184.552)
contains.

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Color

CIELCh(89, 15.287, 184.546)

Conversions

Conversions Part 1

Format	Color
Hex	BDE8E1
RGB	189, 232, 225
RGB Percent	74%, 91%, 88%
CMY	0.2578, 0.0891, 0.1166
CMYK	0.19, 0.00, 0.03, 0.09
HSL	170°, 49%, 83%
HSV	170°, 19%, 91%
XYZ	63.6074, 74.1641, 82.3844
YIQ	218.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

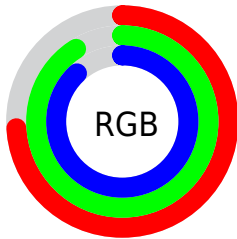
Format	Color
R_{YB}	189, 212, 232
Decimal	12445921
CIE _{Lab}	89.00, -15.24, -1.21
CIE _{LCh}	89, 15.287, 184.546
Yxy	74.1641, 0.2889, 0.3369
Android (android.graphics.Color)	4290636001 (0xFFBDE8E1)
YUV	218.3450, 3.2809, -25.7356
Hunter-Lab	86.1186, -18.8670, 3.5639

Details

The CIELCh color **89, 15.287, 184.546** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 16.617, 7.925**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **69, 15.087, 185.491** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.002, 183.601**, and if you desaturate by 10%, it is **91, 7.155, 185.472**.

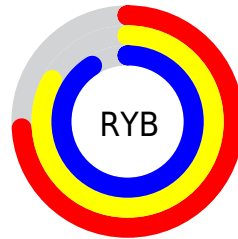
Distribution



Red (74%)

Green (91%)

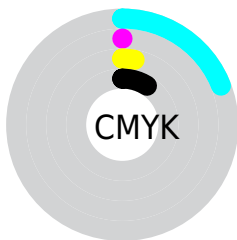
Blue (88%)



Red (74%)

Yellow (83%)

Blue (91%)

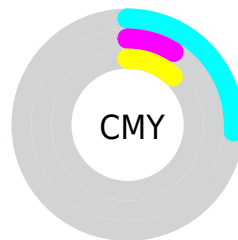


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (26%)


Magenta (9%)

Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 15.287, 184.546 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, 15.287, 184.546 by changing the saturation by 10% instead.


 89, 15.287,
184.546


 89, 15.287,
184.546


 100, 15.287,
184.546


 79, 15.287,
184.546


 69, 15.287,
184.546

 59, 15.287,
184.546

 49, 15.287,
184.546

 39, 15.287,
184.546

 29, 15.287,
184.546

 19, 15.287,

184.546

■ 9, 15.287, 184.546

■ 0, 15.287, 184.546

■ 89, 15.287,
184.546

■ 89, 15.287,
184.546

■ 88, 23.002,
183.601

■ 91, 7.155, 185.472

■ 86, 30.155,
182.618

■ 92, 1.266, 5.787

■ 85, 36.604,
181.575

■ 94, 8.473, 4.696

■ 84, 42.217,
180.452

■ 94, 9.150, 352.877


■ 84, 46.893,


■ 94, 10.163,
343.071


■ 94, 11.424,


179.229


335.262


 83, 50.582,
177.882

 94, 12.860,
329.130

 83, 53.302,
176.392

 94, 14.195,
324.913

 83, 55.193,
174.758

 83, 55.446,
174.515

Harmonies

Complementary

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



89, 15.287, 184.546



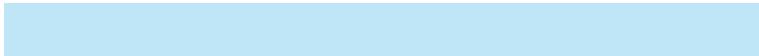
81, 16.617, 7.925

Rectangle

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



89, 15.287, 184.546



89, 15.287, 234.546



89, 15.287, 4.546



89, 15.287, 54.546

Sweetspot

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



89, 15.288, 184.541



99, 5.456, 185.721



89, 25.987, 138.857



53, 3.616, 185.653



0, 0.000, 0.000



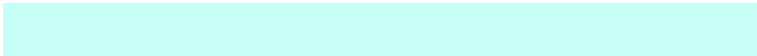
53, 0.007, 296.813

Same Dimension

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



89, 15.288, 184.541



96, 19.443, 184.207



85, 12.096, 237.582



48, 4.805, 185.381



66, 45.862, 174.805



19, 19.075, 177.513

Inverse Universe

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



81, 16.617, 7.925



85, 21.504, 8.362



84, 13.346, 54.225



46, 5.009, 6.921



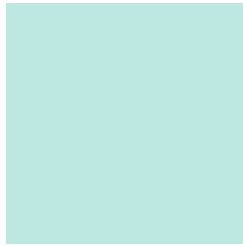
38, 73.591, 32.019



7, 27.983, 16.010

Previews

White Background



This preview shows how the CIELCh color 89, 15.287, 184.546 looks on a white background.

Color Contrast Check

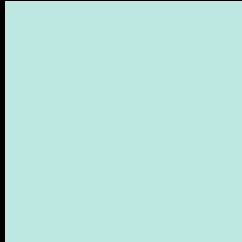
Large Text (above 18pt) WCAG AA × Fail

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, 15.287, 184.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

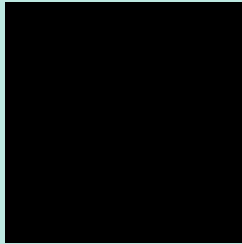
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

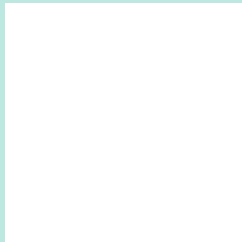
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.287, 184.546

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.287, 184.546.

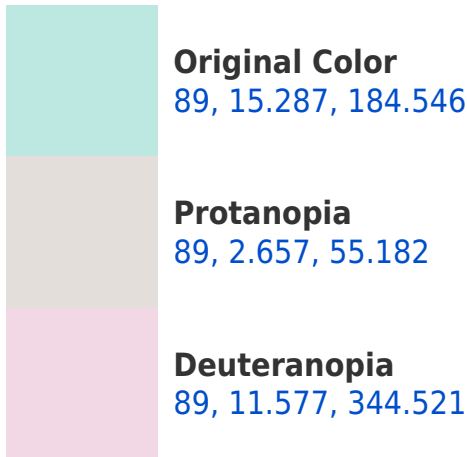


This preview shows how white text looks on a background with the CIELCh color 89, 15.287, 184.546.

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



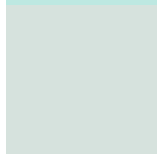


Tritanopia
89, 14.897, 238.007

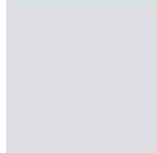
Trichromacy



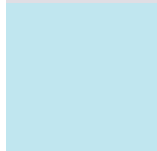
Original Color
89, 15.287, 184.546



Protanomaly
89, 5.031, 168.031



Deuteranomaly
89, 3.161, 296.896



Tritanomaly
89, 13.436, 219.173

Monochromacy



Original Color
89, 15.287, 184.546



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 5.897, 183.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.287, 184.546 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, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 225)  
}
```

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, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.287, 184.546 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, 232, 225) }
```

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

```
.border{ border-color:rgb(189, 232, 225) }
```

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

Here you see how a box with a 4 pixel rgb(189, 232, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.287, 184.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 225) }
```

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

```
.background{ background-color: rgb(189,  
232, 225) }
```

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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