

Converting Colors

CIELCh(89, 37.211, 135.965)

Have a look what the booklet for
CIELCh(89, 37.211, 135.965)
contains.

CIELCh(89, 37.565, 135.959)	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, 37.565, 135.959)

Conversions

Conversions Part 1

Format	Color
Hex	BDEDAD
RGB	189, 237, 173
RGB Percent	74%, 93%, 68%
CMY	0.2601, 0.0718, 0.3228
CMYK	0.20, 0.00, 0.27, 0.07
HSL	105°, 64%, 80%
HSV	105°, 27%, 93%
XYZ	58.6112, 74.1641, 50.6052
YIQ	215.3520, -8.0640, -30.0800

Conversions

Conversions Part 2

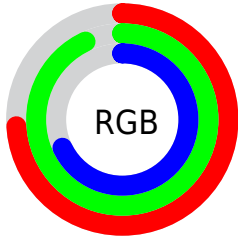
Format	Color
RYB	173, 237, 221
Decimal	12447149
CIELab	89.00, -27.00, 26.11
CIElCh	89, 37.565, 135.959
Yxy	74.1641, 0.3196, 0.4044
Android (android.graphics.Color)	4290637229 (0xFFBDEDAD)
YUV	215.3520, -20.8795, -23.1107
Hunter-Lab	86.1186, -29.2227, 25.4429

Details

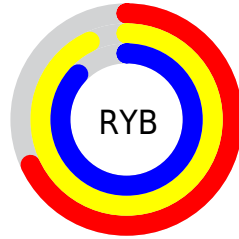
The CIELCh color **89, 37.565, 135.959** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 38.184, 318.471**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.595, 122.984**, and **69, 37.652, 135.717** is the 20% darker color. If you saturate the color by 10%, you get **88, 51.298, 135.365**, and if you desaturate by 10%, it is **91, 23.650, 136.509**.

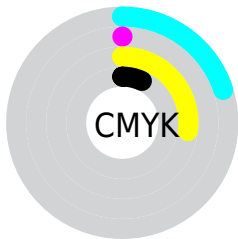
Distribution



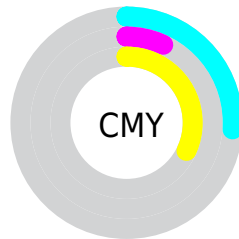
- Red (74%)
- Green (93%)
- Blue (68%)



- Red (68%)
- Yellow (93%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)





- Cyan (26%)
- Magenta (7%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 37.565, 135.959 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, 37.565, 135.959 by changing the saturation by 10% instead.


 89, 37.565,
135.959

 89, 37.565,
135.959


 100, 37.565,
135.959


 79, 37.565,
135.959

 69, 37.565,
135.959

 59, 37.565,
135.959

 49, 37.565,
135.959

 39, 37.565,
135.959


 29, 37.565,
135.959


 19, 37.565,


135.959


 9, 37.565, 135.959

 0, 37.565, 135.959

 89, 37.565,
135.959


 89, 37.565,
135.959

 88, 51.298,
135.365

 91, 23.650,
136.509


 86, 64.597,
134.748

 92, 9.723, 137.012

 85, 77.129,
134.156

 94, 4.087, 317.365

 84, 88.437,
133.667

 96, 11.429,
324.812

 84, 97.952,

133.400

■ 83, 105.074,
133.484

■ 83, 109.470,
133.991

■ 83, 110.436,
134.156

Harmonies

Complementary

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



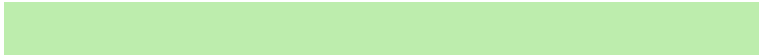
89, 37.565, 135.959



77, 38.184, 318.471

Rectangle

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



89, 37.565, 135.959



89, 37.565, 185.959



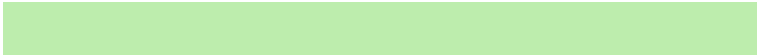
89, 37.565, 315.959



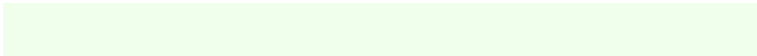
89, 37.565, 5.959

Sweetspot

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



89, 37.567, 135.960



98, 11.753, 136.963



88, 25.653, 93.926



52, 8.360, 136.889



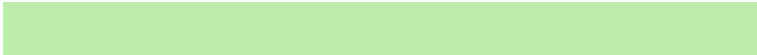
0, 0.000, 0.000



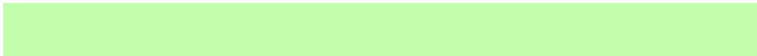
53, 0.007, 296.813

Same Dimension

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



89, 37.567, 135.960



94, 47.188, 135.662



88, 34.037, 150.255



48, 7.807, 136.893



65, 90.136, 133.967



19, 36.172, 134.050

Inverse Universe

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



77, 38.184, 318.471



79, 48.100, 318.693



78, 34.271, 334.174



46, 7.860, 317.687



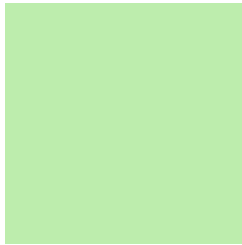
35, 91.777, 319.006



6, 38.592, 320.017

Previews

White Background



This preview shows how the CIELCh color 89, 37.565, 135.959 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, 37.565, 135.959 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

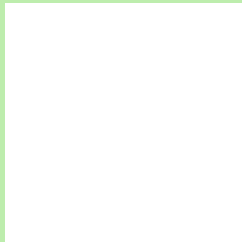
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 37.565, 135.959

Background



This preview shows how black text looks on a background with the CIELCh color 89, 37.565, 135.959.

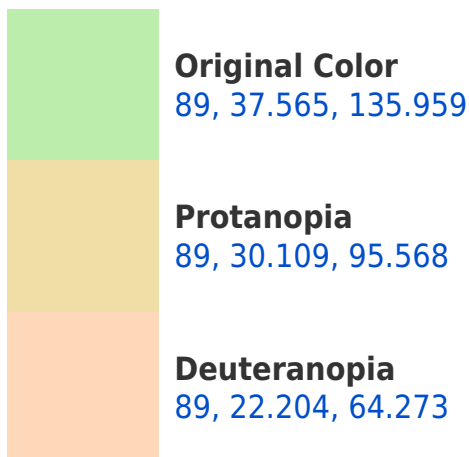


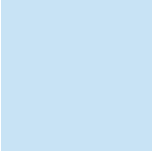
This preview shows how white text looks on a background with the CIELCh color 89, 37.565, 135.959.

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



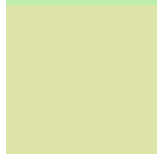


Tritanopia
89, 12.828, 246.193

Trichromacy



Original Color
89, 37.565, 135.959



Protanomaly
89, 30.967, 112.665



Deuteranomaly
88, 21.955, 100.275

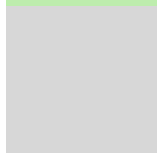


Tritanomaly
89, 13.867, 171.673

Monochromacy



Original Color
89, 37.565, 135.959



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.741, 137.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 37.565, 135.959 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, 237, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 237, 173)  
}
```

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, 237, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 237, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 37.565, 135.959 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, 237, 173) }
```

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

```
.border{ border-color:rgb(189, 237, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 237, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 237, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 237, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 237,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 37.565, 135.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 237, 173) }
```

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

```
.background{ background-color: rgb(189,  
237, 173) }
```

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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