

Converting Colors

CIELCh(89, 3.391, 198.522)

Have a look what the booklet for
CIELCh(89, 3.391, 198.522) contains.

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Color

CIELCh(89, 3.585, 190.971)

Conversions

Conversions Part 1

Format	Color
Hex	D8E2E1
RGB	216, 226, 225
RGB Percent	85%, 89%, 88%
CMY	0.1543, 0.1151, 0.1190
CMYK	0.04, 0.00, 0.00, 0.12
HSL	174°, 15%, 87%
HSV	174°, 4%, 88%
XYZ	68.8591, 74.1641, 81.6686
YIQ	222.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

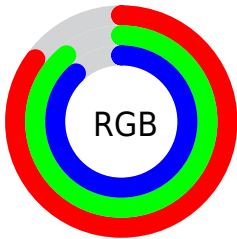
Format	Color
R_{YB}	216, 221, 226
Decimal	14213857
CIE _{Lab}	89.00, -3.52, -0.68
CIE _{LCh}	89, 3.585, 190.971
Y _{xy}	74.1641, 0.3065, 0.3301
Android (android.graphics.Color)	4292403937 (0xFFD8E2E1)
Y _{UV}	222.8960, 1.0373, -6.0478
Hunter-Lab	86.1186, -7.9818, 4.0567

Details

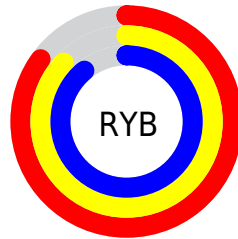
The CIELCh color **89, 3.585, 190.971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 3.672, 11.321**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 3.769, 190.832** is the 20% darker color. If you saturate the color by 10%, you get **87, 11.459, 190.056**, and if you desaturate by 10%, it is **91, 4.579, 11.419**.

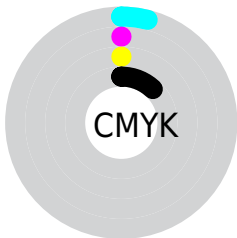
Distribution



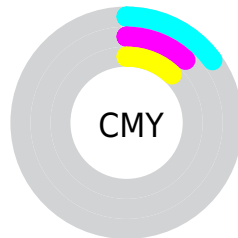
- Red (85%)
- Green (89%)
- Blue (88%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.585, 190.971 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, 3.585, 190.971 by changing the saturation by 10% instead.

■ 89, 3.585, 190.971

■ 89, 3.585, 190.971

■ 100, 3.585,
190.971

■ 79, 3.585, 190.971

■ 69, 3.585, 190.971

■ 59, 3.585, 190.971

■ 49, 3.585, 190.971

■ 39, 3.585, 190.971

■ 29, 3.585, 190.971

■ 19, 3.585, 190.971

■ 9, 3.585, 190.971

■ 0, 3.585, 190.971

89, 3.585, 190.971

89, 3.585, 190.971

87, 11.459,
190.056

91, 4.579, 11.419

86, 18.918,
189.249

92, 10.816, 10.491

85, 25.828,
188.439

92, 11.038, 4.514

84, 32.054,
187.612

92, 11.379,
358.838

83, 37.467,
186.756

92, 11.827,
353.548

82, 41.963,
185.857

92, 12.372,
348.691

82, 45.480,
184.898

92, 13.000,
344.282

81, 48.014,
183.860

93, 13.701,
340.310

93, 14.464,

■ 81, 49.640,
182.726

336.751

Harmonies

Complementary

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



89, 3.585, 190.971



87, 3.672, 11.321

Rectangle

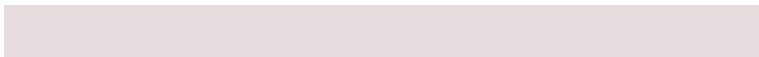
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



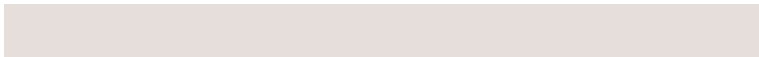
89, 3.585, 190.971



89, 3.585, 240.971



89, 3.585, 10.971



89, 3.585, 60.971

Sweetspot

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



89, 3.587, 190.944



100, 0.896, 191.762



89, 6.122, 141.067



53, 0.509, 191.803



0, 0.000, 0.000



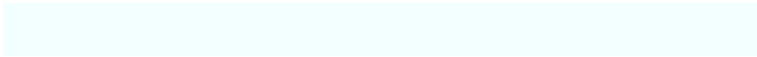
53, 0.007, 296.813

Same Dimension

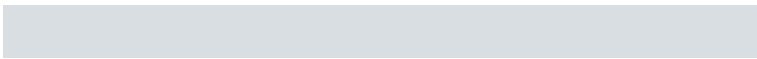
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 3.587, 190.944



99, 4.464, 190.878



88, 2.938, 242.486



47, 2.739, 190.814



65, 41.671, 182.277



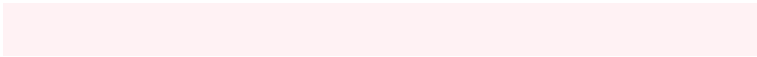
17, 16.814, 184.392

Inverse Universe

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



87, 3.672, 11.321



97, 4.583, 11.391



88, 2.983, 61.274



45, 2.821, 11.460



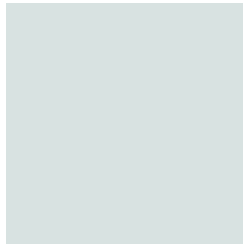
36, 74.917, 35.664



6, 25.346, 16.710

Previews

White Background



This preview shows how the CIELCh color 89, 3.585, 190.971 looks on a white background.

Color Contrast Check

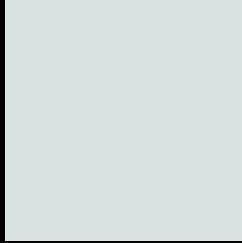
Large Text (above 18pt) WCAG AA × Fail

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, 3.585, 190.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

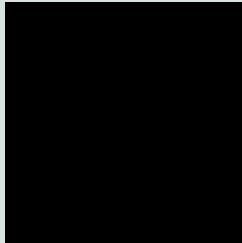
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

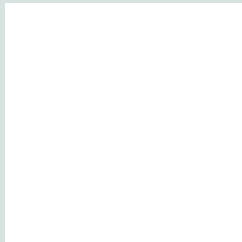
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.585, 190.971

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.585, 190.971.

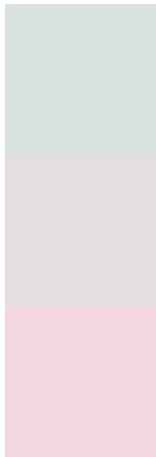


This preview shows how white text looks on a background with the CIELCh color 89, 3.585, 190.971.

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](#).

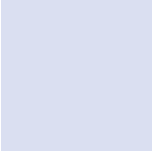
Dichromacy



Original Color
89, 3.585, 190.971

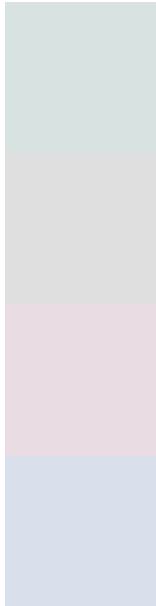
Protanopia
89, 1.879, 3.150

Deuteranopia
89, 11.332, 349.939



Tritanopia
89, 9.507, 280.524

Trichromacy



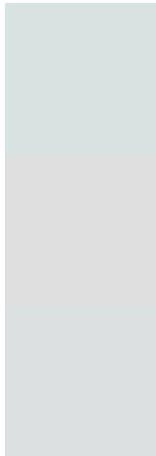
Original Color
89, 3.585, 190.971

Protanomaly
89, 0.531, 290.352

Deuteranomaly
89, 5.646, 346.170

Tritanomaly
89, 6.187, 267.486

Monochromacy



Original Color
89, 3.585, 190.971

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.423, 199.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 3.585, 190.971 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(216, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 226, 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(216, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 226, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.585, 190.971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

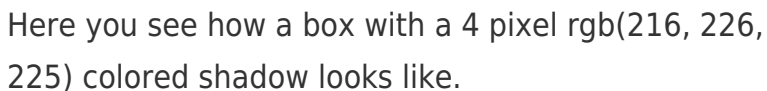
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 226, 225) }
```

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

```
.border{ border-color:rgb(216, 226, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 226, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 226, 225); box-shadow:4px 4px 4px 4px rgb(216, 226, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.585, 190.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 226, 225) }
```

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

```
.background{ background-color: rgb(216,  
226, 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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