

Converting Colors

CIELCh(89, 11.226, 181.738)

Have a look what the booklet for
CIELCh(89, 11.226, 181.738)
contains.

CIELCh(89, 11.300, 182.586)	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, 11.300, 182.586)

Conversions

Conversions Part 1

Format	Color
Hex	C7E6E0
RGB	199, 230, 224
RGB Percent	78%, 90%, 88%
CMY	0.2194, 0.0978, 0.1213
CMYK	0.13, 0.00, 0.03, 0.10
HSL	168°, 38%, 84%
HSV	168°, 13%, 90%
XYZ	65.3467, 74.1641, 81.4363
YIQ	220.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

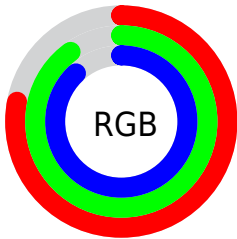
Format	Color
RYB	199, 216, 230
Decimal	13100768
CIELab	89.00, -11.29, -0.51
CIELCh	89, 11.300, 182.586
Yxy	74.1641, 0.2958, 0.3357
Android (android.graphics.Color)	4291290848 (0xFFC7E6E0)
YUV	220.0470, 1.9488, -18.4582
Hunter-Lab	86.1186, -15.2620, 4.2166

Details

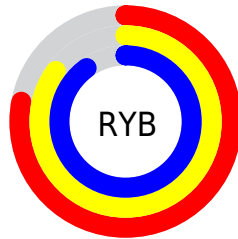
The CIELCh color **89, 11.300, 182.586** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 11.937, 4.996**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.974, 183.977** is the 20% darker color. If you saturate the color by 10%, you get **87, 19.333, 181.611**, and if you desaturate by 10%, it is **91, 2.951, 183.624**.

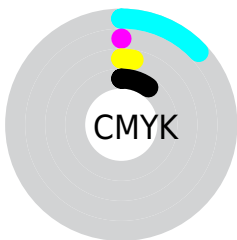
Distribution



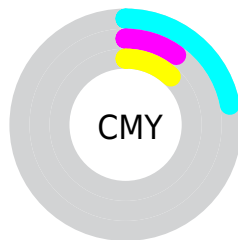
- Red (78%)
- Green (90%)
- Blue (88%)



- Red (78%)
- Yellow (85%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 11.300, 182.586 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, 11.300, 182.586 by changing the saturation by 10% instead.


 89, 11.300,
182.586


 89, 11.300,
182.586


 100, 11.300,
182.586


 79, 11.300,
182.586

 69, 11.300,
182.586

 59, 11.300,
182.586

 49, 11.300,
182.586

 39, 11.300,
182.586


 29, 11.300,
182.586


 19, 11.300,


182.586

 9, 11.300, 182.586


 0, 11.300, 182.586

 89, 11.300,
182.586


 89, 11.300,
182.586

 87, 19.333,
181.611

 91, 2.951, 183.624


 86, 26.909,
180.599

 93, 5.599, 4.194


 85, 33.887,
179.522

 93, 9.727, 357.175

 84, 40.123,
178.358

 94, 10.793,
345.881

 83, 45.498,

 94, 12.207,
336.941

177.088

94, 13.862,
330.032

83, 49.927,
175.685

94, 15.578,
324.963

82, 53.389,
174.128

82, 55.939,
172.403

82, 57.252,
171.215

Harmonies

Complementary

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



89, 11.300, 182.586



83, 11.937, 4.996

Rectangle

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



89, 11.300, 182.586



89, 11.300, 232.586



89, 11.300, 2.586



89, 11.300, 52.586

Sweetspot

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



89, 11.301, 182.579



99, 3.690, 183.549



89, 18.541, 138.180



53, 2.620, 183.456



0, 0.000, 0.000



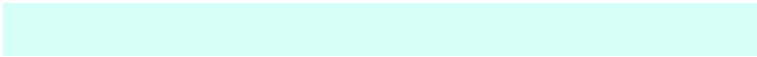
53, 0.007, 296.813

Same Dimension

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



89, 11.301, 182.579



97, 14.524, 182.328



87, 8.811, 232.692



47, 4.781, 182.968



65, 47.159, 171.544



18, 19.062, 174.720

Inverse Universe

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



83, 11.937, 4.996



89, 15.511, 5.291



85, 9.497, 50.634



45, 4.967, 4.556



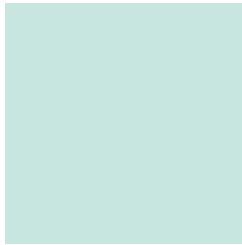
37, 71.312, 29.779



7, 26.673, 13.682

Previews

White Background



This preview shows how the CIE LCh color 89, 11.300, 182.586 looks on a white background.

Color Contrast Check

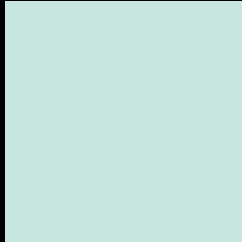
Large Text (above 18pt) WCAG AA × Fail

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, 11.300, 182.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

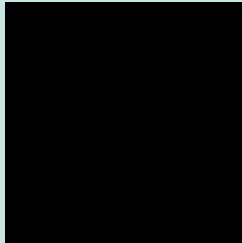
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

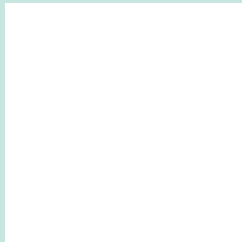
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 11.300, 182.586

Background



This preview shows how black text looks on a background with the CIELCh color 89, 11.300, 182.586.



This preview shows how white text looks on a background with the CIELCh color 89, 11.300, 182.586.

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](#).

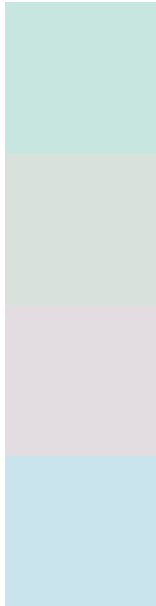
Dichromacy





Tritanopia
89, 12.190, 249.558

Trichromacy



Original Color
89, 11.300, 182.586

Protanomaly
89, 3.552, 163.485

Deuteranomaly
89, 3.401, 329.454

Tritanomaly
89, 9.914, 227.244

Monochromacy



Original Color
89, 11.300, 182.586

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.561, 179.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 11.300, 182.586 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(199, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 224)  
}
```

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(199, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 11.300, 182.586 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(199, 230, 224) }
```

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

```
.border{ border-color:rgb(199, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 11.300, 182.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 224) }
```

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

```
.background{ background-color: rgb(199,  
230, 224) }
```

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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