

Converting Colors

CIELCh(90, 11.605, 201.259)

Have a look what the booklet for
CIELCh(90, 11.605, 201.259)
contains.

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Color

CIELCh(90, 11.612, 201.256)

Conversions

Conversions Part 1

Format	Color
Hex	C7E9EA
RGB	199, 233, 234
RGB Percent	78%, 91%, 92%
CMY	0.2199, 0.0866, 0.0826
CMYK	0.15, 0.00, 0.00, 0.08
HSL	182°, 45%, 85%
HSV	182°, 15%, 92%
XYZ	67.4917, 76.3034, 88.9559
YIQ	222.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

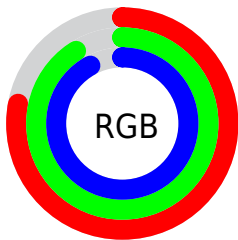
Format	Color
R_{YB}	199, 216, 234
Decimal	13101546
CIE _{Lab}	90.00, -10.82, -4.21
CIE _{LCh}	90, 11.612, 201.256
Yxy	76.3034, 0.2900, 0.3278
Android (android.graphics.Color)	4291291626 (0xFFC7E9EA)
YUV	222.9480, 5.4486, -21.0024
Hunter-Lab	87.3518, -14.9489, 0.7675

Details

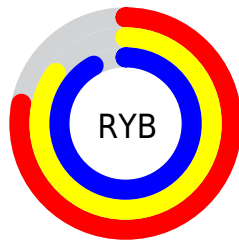
The CIELCh color **90, 11.612, 201.256** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 12.810, 22.679**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 11.390, 201.285** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.751, 200.859**, and if you desaturate by 10%, it is **92, 3.954, 201.777**.

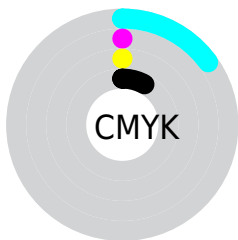
Distribution



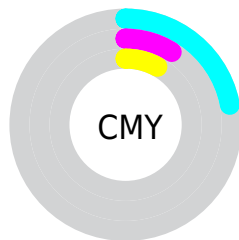
- Red (78%)
- Green (91%)
- Blue (92%)



- Red (78%)
- Yellow (85%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)





- Cyan (22%)
- Magenta (9%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.612, 201.256 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 90, 11.612, 201.256 by changing the saturation by 10% instead.


 90, 11.612,
201.256


 90, 11.612,
201.256


 100, 11.612,
201.256


 80, 11.612,
201.256


 70, 11.612,
201.256

 60, 11.612,
201.256

 50, 11.612,
201.256

 40, 11.612,
201.256

 30, 11.612,
201.256

 20, 11.612,

201.256

■ 10, 11.612,
201.256

■ 0, 11.612, 201.256

■ 90, 11.612,
201.256

■ 90, 11.612,
201.256

■ 88, 18.751,
200.859

■ 92, 3.954, 201.777

■ 87, 25.236,
200.551

■ 94, 4.104, 21.939

■ 95, 7.254, 23.859

■ 86, 30.938,
200.330

■ 95, 7.046, 26.736

■ 85, 35.739,
200.204

■ 95, 6.857, 29.781

■ 95, 6.688, 32.987

■ 84, 39.550,
200.184

■ 95, 6.542, 36.348

■ 83, 42.327,
200.279

■ 95, 6.420, 39.848

■ 83, 44.086,
200.494

■ 96, 6.322, 43.469

■ 83, 44.918,
200.829

■ 82, 45.105,
201.030

Harmonies

Complementary

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



90, 11.612, 201.256



83, 12.810, 22.679

Rectangle

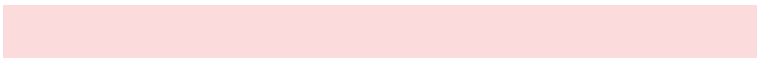
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 11.612, 201.256



90, 11.612, 251.256



90, 11.612, 21.256



90, 11.612, 71.256

Sweetspot

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



90, 11.613, 201.247



99, 3.426, 201.856



89, 22.007, 143.967



53, 2.431, 201.791



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 11.613, 201.247



97, 14.842, 201.117



86, 10.985, 259.314



48, 4.488, 201.505



65, 37.253, 200.951



19, 16.041, 200.259

Inverse Universe

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



84, 21.854, 326.030



89, 28.226, 326.207



88, 11.366, 75.301



46, 8.296, 325.715



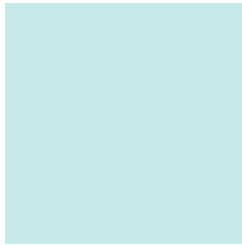
43, 87.396, 329.395



9, 37.547, 329.220

Previews

White Background



This preview shows how the CIE LCh color 90, 11.612, 201.256 looks on a white background.

Color Contrast Check

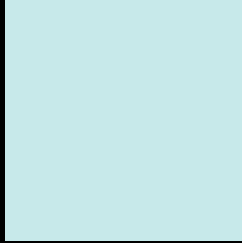
Large Text (above 18pt) WCAG AA × Fail

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 90, 11.612, 201.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

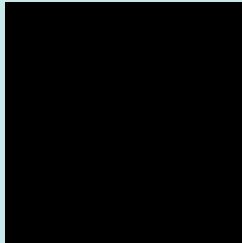
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

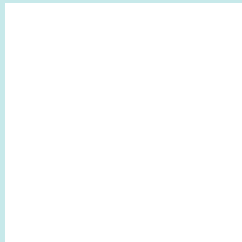
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.612, 201.256

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.612, 201.256.

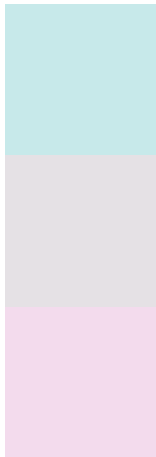


This preview shows how white text looks on a background with the CIELCh color 90, 11.612, 201.256.

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](#).

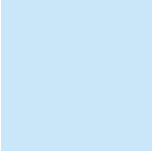
Dichromacy



Original Color
90, 11.612, 201.256

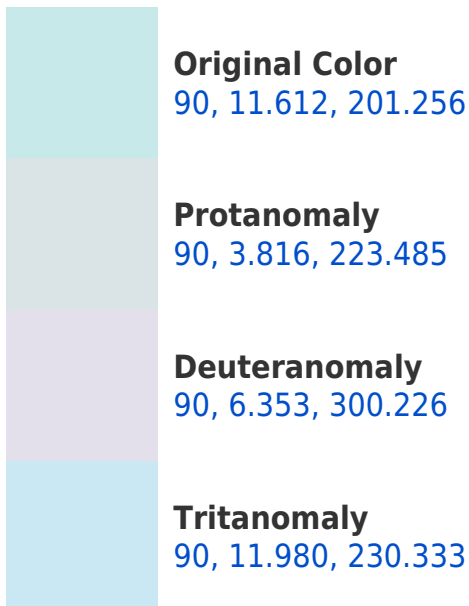
Protanopia
90, 2.543, 324.426

Deuteranopia
90, 12.711, 332.957



Tritanopia
90, 13.239, 244.103

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.612, 201.256 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, 233, 234)` looks like.

```
.text, #text, p{  
    color:rgb(199, 233, 234)  
}
```

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, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 233, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.612, 201.256 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, 233, 234) }
```

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

```
.border{ border-color:rgb(199, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(199, 233,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.612, 201.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 233, 234) }
```

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

```
.background{ background-color: rgb(199,  
233, 234) }
```

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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