

Converting Colors

CIELCh(91, 9.313, 120.713)

Have a look what the booklet for
CIELCh(91, 9.313, 120.713) contains.

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Color

CIELCh(91, 8.979, 121.163)

Conversions

Conversions Part 1

Format	Color
Hex	E2E7D6
RGB	226, 231, 214
RGB Percent	89%, 91%, 84%
CMY	0.1122, 0.0925, 0.1592
CMYK	0.02, 0.00, 0.07, 0.09
HSL	78°, 26%, 87%
HSV	78°, 7%, 91%
XYZ	72.3641, 78.4833, 75.2164
YIQ	227.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

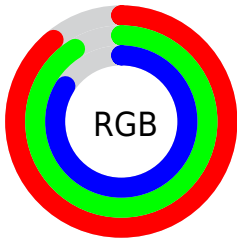
Format	Color
R_YB	214, 231, 219
Decimal	14870486
CIE Lab	91.00, -4.65, 7.68
CIE LCh	91, 8.979, 121.163
Yxy	78.4833, 0.3201, 0.3472
Android (android.graphics.Color)	4293060566 (0xFFE2E7D6)
YUV	227.5670, -6.6885, -1.3743
Hunter-Lab	88.5908, -9.2288, 11.6745

Details

The CIELCh color **91, 8.979, 121.163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 9.122, 302.018**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 8.847, 119.355** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.184, 120.576**, and if you desaturate by 10%, it is **92, 3.251, 301.719**.

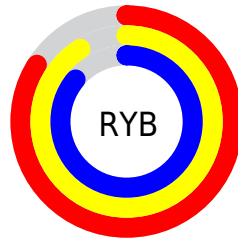
Distribution



Red (89%)

Green (91%)

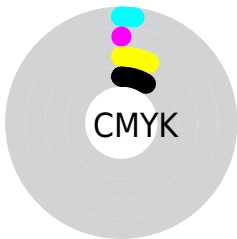
Blue (84%)



Red (84%)

Yellow (91%)

Blue (86%)

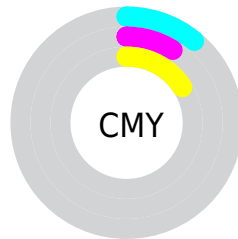


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.979, 121.163 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 91, 8.979, 121.163 by changing the saturation by 10% instead.

91, 8.979, 121.163

91, 8.979, 121.163

100, 8.979,
121.163

81, 8.979, 121.163

71, 8.979, 121.163

61, 8.979, 121.163

51, 8.979, 121.163

41, 8.979, 121.163

31, 8.979, 121.163

21, 8.979, 121.163

11, 8.979, 121.163

1, 8.979, 121.163

91, 8.979, 121.163

91, 8.979, 121.163

90, 21.184,
120.576

92, 3.251, 301.719

89, 33.274,
119.978

93, 12.593,
304.714

88, 45.127,
119.396

94, 13.359,
314.622

87, 56.557,
118.865

94, 14.478,
323.344

87, 67.289,
118.437

94, 14.738,
324.932

86, 76.923,
118.188

86, 84.937,
118.221

85, 90.789,
118.648

■ 85, 94.232,
119.537

Harmonies

Complementary

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



91, 8.979, 121.163



87, 9.122, 302.018

Rectangle

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



91, 8.979, 121.163



91, 8.979, 171.163



91, 8.979, 301.163



91, 8.979, 351.163

Sweetspot

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



91, 8.981, 121.170



100, 2.635, 121.493



88, 5.101, 48.956



53, 1.498, 121.500



0, 0.000, 0.000



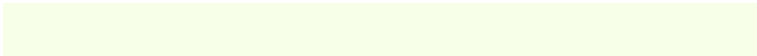
53, 0.007, 296.813

Same Dimension

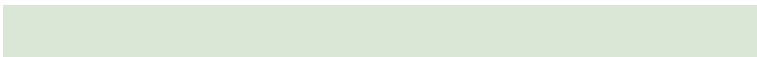
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 8.981, 121.170



99, 11.899, 121.070



90, 10.076, 138.002



48, 6.894, 121.046



67, 78.058, 119.565



19, 30.448, 119.131

Inverse Universe

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



87, 9.122, 302.018



93, 12.119, 302.126



87, 10.131, 318.609



44, 7.026, 302.152



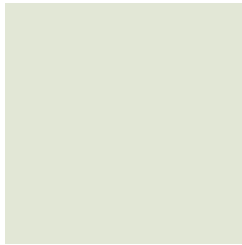
24, 99.430, 308.275



3, 34.451, 304.052

Previews

White Background



This preview shows how the CIELCh color 91, 8.979, 121.163 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 91, 8.979, 121.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

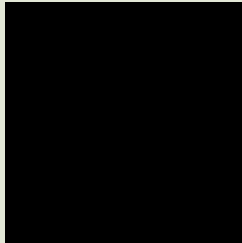
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

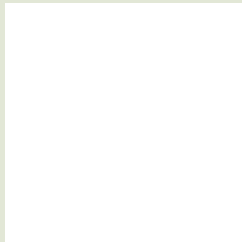
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.979, 121.163

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.979, 121.163.

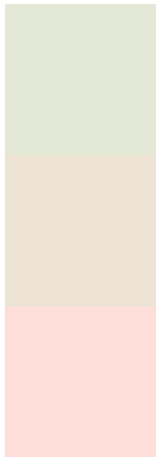


This preview shows how white text looks on a background with the CIELCh color 91, 8.979, 121.163.

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

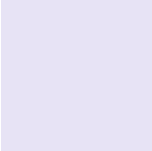
91, 8.979, 121.163

Protanopia

91, 8.411, 86.328

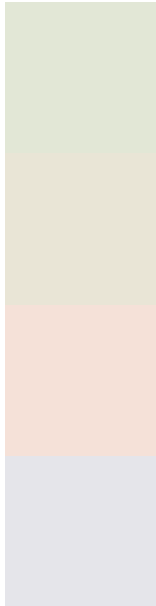
Deuteranopia

91, 12.770, 29.504



Tritanopia
91, 9.469, 299.344

Trichromacy



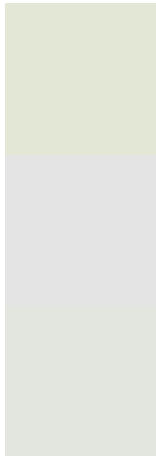
Original Color
91, 8.979, 121.163

Protanomaly
91, 7.872, 98.807

Deuteranomaly
91, 8.711, 51.954

Tritanomaly
91, 2.600, 290.414

Monochromacy



Original Color
91, 8.979, 121.163

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.187, 122.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.979, 121.163 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(226, 231, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 231, 214)  
}
```

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(226, 231, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 231, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.979, 121.163 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(226, 231, 214) }
```

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

```
.border{ border-color:rgb(226, 231, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 231, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 231, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 231, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 231,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.979, 121.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 231, 214) }
```

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

```
.background{ background-color: rgb(226,  
231, 214) }
```

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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