

Converting Colors

CIELCh(91, 3.916, 214.398)

Have a look what the booklet for
CIELCh(91, 3.916, 214.398) contains.

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Color

CIELCh(91, 3.974, 214.449)

Conversions

Conversions Part 1

Format	Color
Hex	DCE7E9
RGB	220, 231, 233
RGB Percent	86%, 91%, 91%
CMY	0.1361, 0.0929, 0.0851
CMYK	0.06, 0.01, 0.00, 0.09
HSL	189°, 23%, 89%
HSV	189°, 6%, 91%
XYZ	73.0172, 78.4833, 88.6171
YIQ	227.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

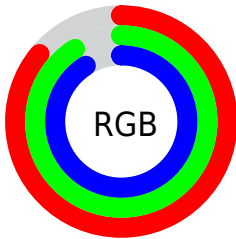
Format	Color
R_{YB}	220, 226, 233
Decimal	14477289
CIE _{Lab}	91.00, -3.28, -2.25
CIE _{LCh}	91, 3.974, 214.449
Y _{xy}	78.4833, 0.3041, 0.3269
Android (android.graphics.Color)	4292667369 (0xFFDCE7E9)
YUV	227.9390, 2.4951, -6.9625
Hunter-Lab	88.5908, -7.9129, 2.7060

Details

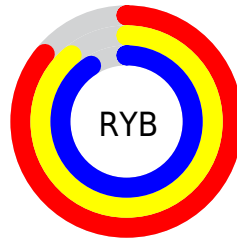
The CIELCh color **91, 3.974, 214.449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 4.115, 34.095**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.819, 215.889** is the 20% darker color. If you saturate the color by 10%, you get **88, 10.810, 214.454**, and if you desaturate by 10%, it is **94, 3.225, 34.043**.

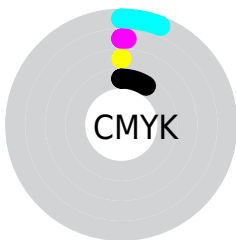
Distribution



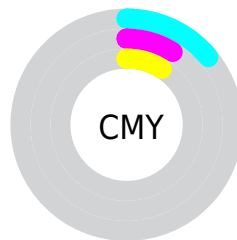
- Red (86%)
- Green (91%)
- Blue (91%)



- Red (86%)
- Yellow (89%)
- Blue (91%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.974, 214.449 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, 3.974, 214.449 by changing the saturation by 10% instead.

91, 3.974, 214.449

91, 3.974, 214.449

100, 3.974,
214.449

81, 3.974, 214.449

71, 3.974, 214.449

61, 3.974, 214.449

51, 3.974, 214.449

41, 3.974, 214.449

31, 3.974, 214.449

21, 3.974, 214.449

11, 3.974, 214.449

1, 3.974, 214.449

91, 3.974, 214.449

91, 3.974, 214.449

88, 10.810,
214.454

94, 3.225, 34.043

86, 17.178,
214.707

95, 6.513, 43.580

84, 22.967,
215.149

96, 6.445, 63.339

82, 28.060,
215.819

98, 8.338, 95.065

80, 32.348,
216.767

99, 9.910, 104.837

99, 10.982,
109.347

78, 35.747,
218.055

77, 38.215,
219.752

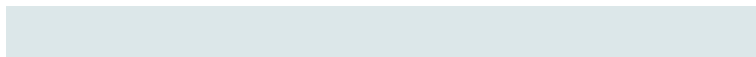
75, 39.773,
221.923

■ 74, 40.529,
224.617

Harmonies

Complementary

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



91, 3.974, 214.449



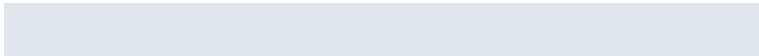
89, 4.115, 34.095

Rectangle

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



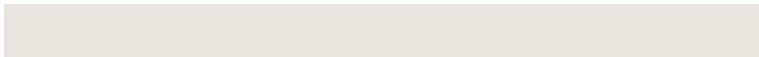
91, 3.974, 214.449



91, 3.974, 264.449



91, 3.974, 34.449



91, 3.974, 84.449

Sweetspot

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



91, 3.975, 214.418



99, 1.547, 214.670



91, 7.406, 148.545



53, 0.880, 214.691



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

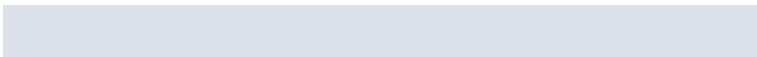
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 3.975, 214.418



98, 5.346, 214.398



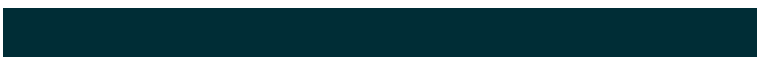
89, 4.657, 270.545



48, 3.240, 214.394



58, 33.687, 225.383



16, 14.513, 220.583

Inverse Universe

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



89, 7.410, 329.248



96, 10.013, 329.345



91, 4.650, 89.015



47, 6.078, 329.381



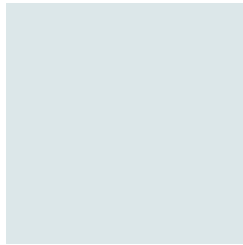
41, 79.271, 335.448



9, 34.538, 334.238

Previews

White Background



This preview shows how the CIE LCh color 91, 3.974, 214.449 looks on a white background.

Color Contrast Check

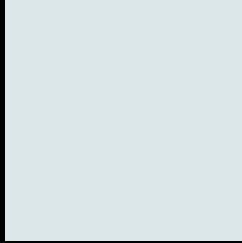
Large Text (above 18pt) WCAG AA × Fail

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, 3.974, 214.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

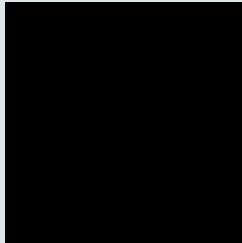
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

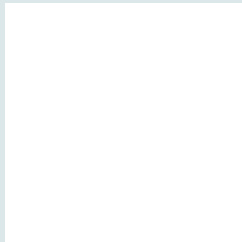
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.974, 214.449

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.974, 214.449.

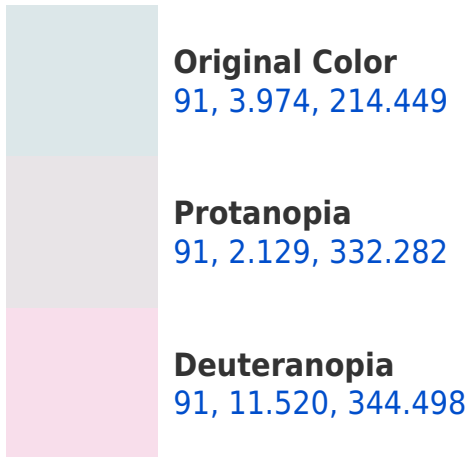


This preview shows how white text looks on a background with the CIELCh color 91, 3.974, 214.449.

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](#).

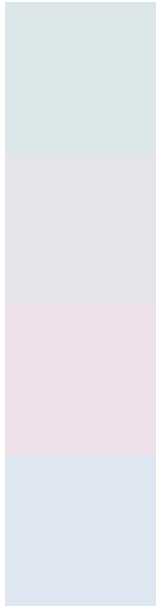
Dichromacy





Tritanopia
91, 9.521, 278.472

Trichromacy



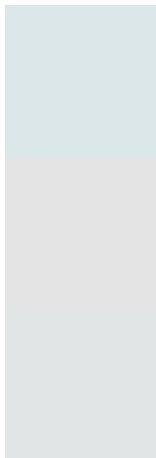
Original Color
91, 3.974, 214.449

Protanomaly
91, 1.598, 277.563

Deuteranomaly
91, 6.610, 334.914

Tritanomaly
91, 6.760, 266.569

Monochromacy



Original Color
91, 3.974, 214.449

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.503, 219.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.974, 214.449 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(220, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 233)  
}
```

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(220, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.974, 214.449 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(220, 231, 233) }
```

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

```
.border{ border-color:rgb(220, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.974, 214.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 233) }
```

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

```
.background{ background-color: rgb(220,  
231, 233) }
```

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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