

Converting Colors

CIELCh(91, 3.753, 157.725)

Have a look what the booklet for
CIELCh(91, 3.753, 157.725) contains.

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Color

CIELCh(91, 3.868, 157.338)

Conversions

Conversions Part 1

Format	Color
Hex	DFE7E2
RGB	223, 231, 226
RGB Percent	87%, 91%, 89%
CMY	0.1247, 0.0933, 0.1129
CMYK	0.03, 0.00, 0.02, 0.09
HSL	142°, 14%, 89%
HSV	142°, 3%, 91%
XYZ	72.8775, 78.4833, 83.4007
YIQ	228.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

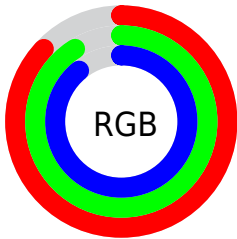
Format	Color
R_{YB}	223, 229, 231
Decimal	14673890
CIE Lab	91.00, -3.57, 1.49
CIE LCh	91, 3.868, 157.338
Yxy	78.4833, 0.3104, 0.3343
Android (android.graphics.Color)	4292863970 (0xFFDFE7E2)
YUV	228.0380, -1.0047, -4.4183
Hunter-Lab	88.5908, -8.1944, 6.1971

Details

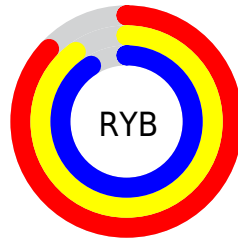
The CIELCh color **91, 3.868, 157.338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 3.895, 337.626**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.430, 159.792** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.129, 156.464**, and if you desaturate by 10%, it is **93, 7.281, 337.871**.

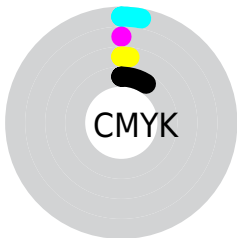
Distribution



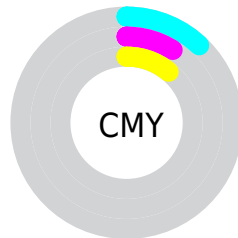
- Red (87%)
- Green (91%)
- Blue (89%)



- Red (87%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.868, 157.338 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, 3.868, 157.338 by changing the saturation by 10% instead.

91, 3.868, 157.338

91, 3.868, 157.338

100, 3.868,
157.338

81, 3.868, 157.338

71, 3.868, 157.338

61, 3.868, 157.338

51, 3.868, 157.338

41, 3.868, 157.338

31, 3.868, 157.338

21, 3.868, 157.338

11, 3.868, 157.338

1, 3.868, 157.338

91, 3.868, 157.338

91, 3.868, 157.338

89, 15.129,
156.464

93, 7.281, 337.871

87, 26.374,
155.558

94, 14.865,
324.937

86, 37.453,
154.533


84, 48.184,
153.362

83, 58.363,
152.020

82, 67.790,
150.486

82, 76.283,
148.750

81, 83.716,
146.817

 81, 90.041,
144.726

Harmonies

Complementary

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



91, 3.868, 157.338



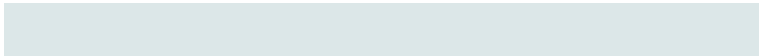
90, 3.895, 337.626

Rectangle

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



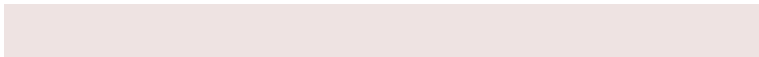
91, 3.868, 157.338



91, 3.868, 207.338



91, 3.868, 337.338



91, 3.868, 27.338

Sweetspot

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



91, 3.870, 157.330



100, 1.202, 157.768



91, 4.272, 124.125



53, 0.683, 157.790



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, 3.870, 157.330



99, 4.844, 157.274



91, 2.888, 188.381



48, 3.159, 157.208



64, 76.505, 143.741



18, 29.400, 147.803

Inverse Universe

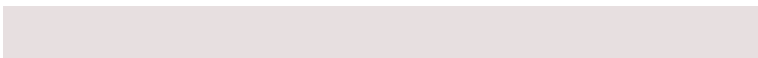
The Inverse Universe completely reimagines the original color for something new.



90, 3.895, 337.626



97, 4.873, 337.682



90, 2.940, 8.555



47, 3.178, 337.747



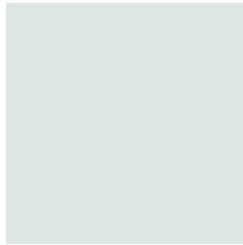
39, 67.700, 350.687



7, 29.239, 346.132

Previews

White Background



This preview shows how the CIELCh color 91, 3.868, 157.338 looks on a white background.

Color Contrast Check

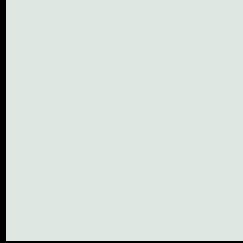
Large Text (above 18pt) WCAG AA × Fail

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, 3.868, 157.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

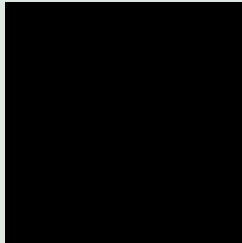
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

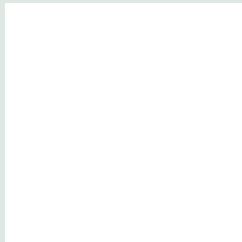
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.868, 157.338

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.868, 157.338.



This preview shows how white text looks on a background with the CIELCh color 91, 3.868, 157.338.

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](#).

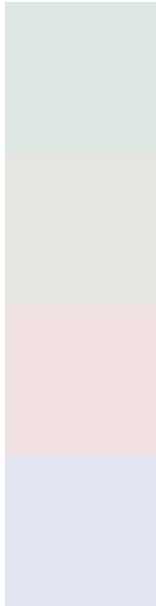
Dichromacy





Tritanopia
91, 9.355, 286.715

Trichromacy



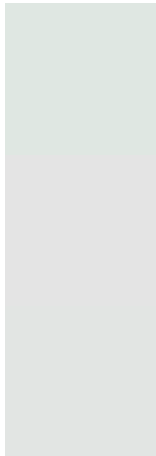
Original Color
91, 3.868, 157.338

Protanomaly
91, 2.087, 100.076

Deuteranomaly
91, 5.875, 9.595

Tritanomaly
91, 5.351, 275.519

Monochromacy



Original Color
91, 3.868, 157.338

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.491, 155.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.868, 157.338 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(223, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 226)  
}
```

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(223, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.868, 157.338 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(223, 231, 226) }
```

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

```
.border{ border-color:rgb(223, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.868, 157.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 226) }
```

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

```
.background{ background-color: rgb(223,  
231, 226) }
```

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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