

Converting Colors

CIELCh(93, 7.166, 139.598)

Have a look what the booklet for
CIELCh(93, 7.166, 139.598) contains.

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Color

CIELCh(93, 7.166, 139.598)

Conversions

Conversions Part 1

Format	Color
Hex	E4EEE2
RGB	228, 238, 226
RGB Percent	89%, 93%, 89%
CMY	0.1067, 0.0675, 0.1145
CMYK	0.04, 0.00, 0.05, 0.07
HSL	110°, 26%, 91%
HSV	110°, 5%, 93%
XYZ	76.1417, 82.9670, 83.8033
YIQ	233.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

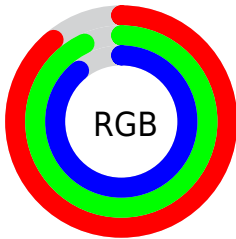
Format	Color
R _Y B	226, 238, 236
Decimal	15003362
CIE Lab	93.00, -5.46, 4.64
CIE LCh	93, 7.166, 139.598
Yxy	82.9670, 0.3135, 0.3416
Android (android.graphics.Color)	4293193442 (0xFFE4EEE2)
YUV	233.6420, -3.7675, -4.9480
Hunter-Lab	91.0862, -10.1875, 9.2110

Details

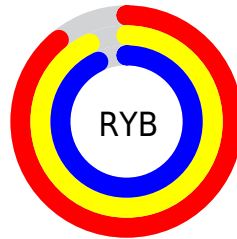
The CIELCh color **93, 7.166, 139.598** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.201, 319.996**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.880, 139.107** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.501, 139.058**, and if you desaturate by 10%, it is **95, 7.000, 319.979**.

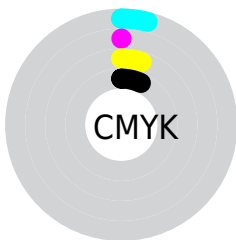
Distribution



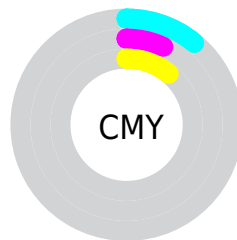
- Red (89%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.166, 139.598 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 93, 7.166, 139.598 by changing the saturation by 10% instead.

93, 7.166, 139.598

93, 7.166, 139.598

100, 7.166,
139.598

83, 7.166, 139.598

73, 7.166, 139.598

63, 7.166, 139.598

53, 7.166, 139.598

43, 7.166, 139.598

33, 7.166, 139.598

23, 7.166, 139.598

13, 7.166, 139.598

3, 7.166, 139.598

93, 7.166, 139.598

93, 7.166, 139.598

91, 21.501,
139.058

95, 7.000, 319.979

89, 35.861,
138.459

96, 10.730,
324.786

88, 50.059,
137.791

87, 63.836,
137.069

85, 76.843,
136.327

84, 88.619,
135.634

84, 98.588,
135.099

83, 106.128,
134.855

■ 83,110.808,
135.000

Harmonies

Complementary

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



93, 7.166, 139.598



91, 7.201, 319.996

Rectangle

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



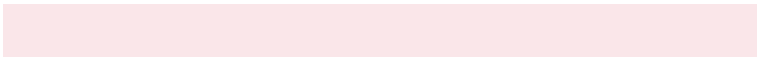
93, 7.166, 139.598



93, 7.166, 189.598



93, 7.166, 319.598



93, 7.166, 9.598

Sweetspot

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



93, 7.168, 139.600



100, 2.993, 139.796



93, 5.179, 101.749



53, 1.701, 139.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 7.168, 139.600



99, 9.026, 139.547



93, 5.960, 155.374



50, 5.693, 139.514



65, 92.322, 135.012



20, 38.311, 135.180

Inverse Universe

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



91, 7.201, 319.996



96, 9.066, 320.046



91, 5.991, 335.953



48, 5.718, 320.076



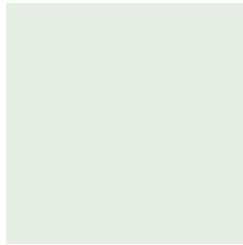
38, 91.593, 321.896



8, 39.869, 322.739

Previews

White Background



This preview shows how the CIELCh color 93, 7.166, 139.598 looks on a white background.

Color Contrast Check

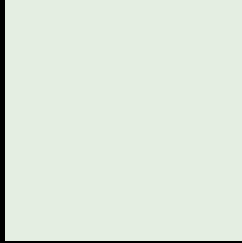
Large Text (above 18pt) WCAG AA × Fail

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 93, 7.166, 139.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

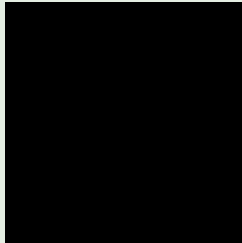
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

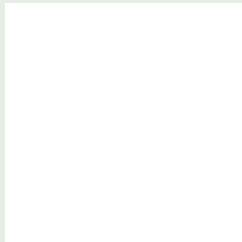
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.166, 139.598

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.166, 139.598.

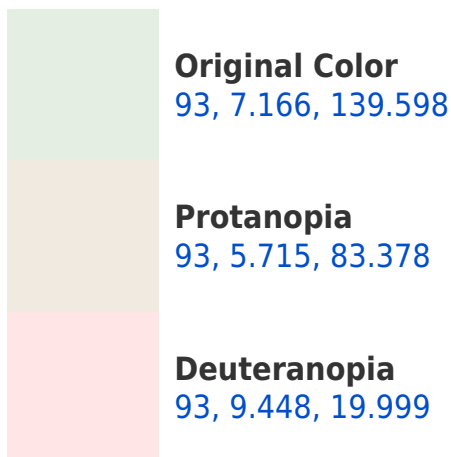


This preview shows how white text looks on a background with the CIELCh color 93, 7.166, 139.598.

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](#).

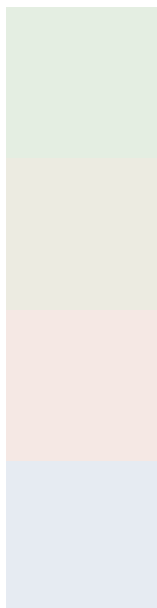
Dichromacy





Tritanopia
93, 9.310, 286.694

Trichromacy



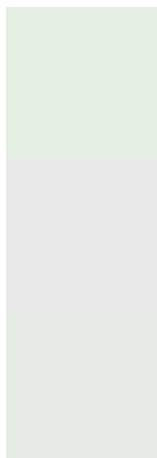
Original Color
93, 7.166, 139.598

Protanomaly
93, 5.147, 105.738

Deuteranomaly
93, 5.115, 43.270

Tritanomaly
93, 3.989, 264.603

Monochromacy



Original Color
93, 7.166, 139.598

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.951, 138.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.166, 139.598 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(228, 238, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 238, 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(228, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 238, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.166, 139.598 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(228, 238, 226) }
```

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

```
.border{ border-color:rgb(228, 238, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 238, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 238,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.166, 139.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 238, 226) }
```

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

```
.background{ background-color: rgb(228,  
238, 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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