

Converting Colors

CIE LCh(93, 8.144, 144.463)

Have a look what the booklet for
CIELCh(93, 8.144, 144.463) contains.

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Color

CIELCh(93, 7.766, 146.302)

Conversions

Conversions Part 1

Format	Color
Hex	E1EEE2
RGB	225, 238, 226
RGB Percent	88%, 93%, 89%
CMY	0.1161, 0.0651, 0.1122
CMYK	0.05, 0.00, 0.05, 0.07
HSL	125°, 28%, 91%
HSV	125°, 5%, 93%
XYZ	75.6488, 82.9670, 84.2649
YIQ	232.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

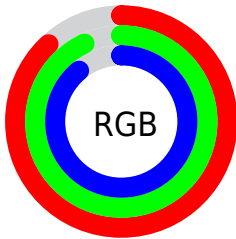
Format	Color
R_{YB}	225, 237, 238
Decimal	14806754
CIE Lab	93.00, -6.46, 4.31
CIE LCh	93, 7.766, 146.302
Yxy	82.9670, 0.3115, 0.3416
Android (android.graphics.Color)	4292996834 (0xFFE1EEE2)
YUV	232.7450, -3.3253, -6.7924
Hunter-Lab	91.0862, -11.1533, 8.9105

Details

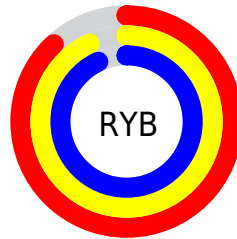
The CIELCh color **93, 7.766, 146.302** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.789, 326.854**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.512, 146.421** is the 20% darker color. If you saturate the color by 10%, you get **91, 22.153, 145.607**, and if you desaturate by 10%, it is **95, 6.430, 326.781**.

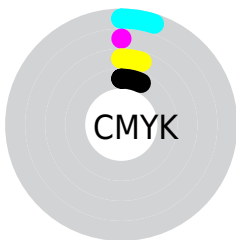
Distribution



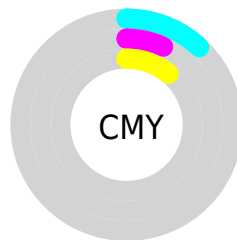
- Red (88%)
- Green (93%)
- Blue (89%)



- Red (88%)
- Yellow (93%)
- Blue (93%)



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



- Cyan (12%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.766, 146.302 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, 7.766, 146.302 by changing the saturation by 10% instead.

93, 7.766, 146.302

93, 7.766, 146.302

100, 7.766,
146.302

83, 7.766, 146.302

73, 7.766, 146.302

63, 7.766, 146.302

53, 7.766, 146.302

43, 7.766, 146.302

33, 7.766, 146.302

23, 7.766, 146.302

13, 7.766, 146.302

3, 7.766, 146.302

93, 7.766, 146.302

93, 7.766, 146.302

91, 22.153,
145.607

95, 6.430, 326.781

89, 36.552,
144.816

96, 10.348,
324.771

87, 50.738,
143.899

86, 64.413,
142.844

85, 77.218,
141.659

84, 88.735,
140.373

83, 98.501,
139.059

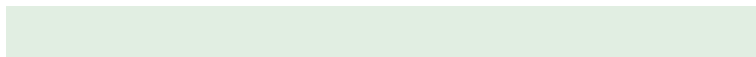
83, 106.052,
137.829

■ 83,111.020,
136.828

Harmonies

Complementary

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



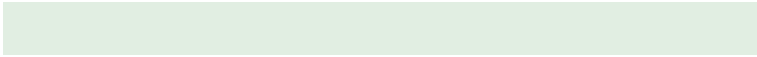
93, 7.766, 146.302



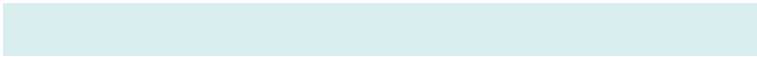
91, 7.789, 326.854

Rectangle

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



93, 7.766, 146.302



93, 7.766, 196.302



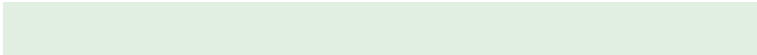
93, 7.766, 326.302



93, 7.766, 16.302

Sweetspot

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



93, 7.768, 146.302



100, 2.993, 146.579



94, 6.679, 112.326



53, 1.701, 146.590



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

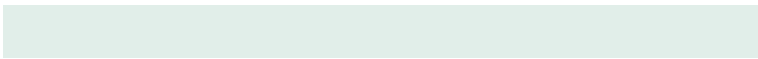
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.768, 146.302



98, 10.541, 146.195



93, 5.460, 167.023



49, 6.513, 146.157



65, 92.133, 136.661



19, 38.164, 139.191

Inverse Universe

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



91, 7.789, 326.854



96, 10.564, 326.953



91, 5.522, 347.796



48, 6.527, 326.987



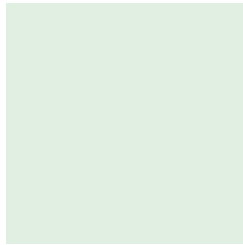
43, 85.013, 331.548



10, 37.424, 331.054

Previews

White Background



This preview shows how the CIELCh color 93, 7.766, 146.302 looks on a white background.

Color Contrast Check

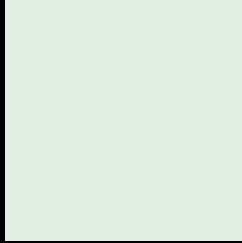
Large Text (above 18pt) WCAG AA × Fail

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, 7.766, 146.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

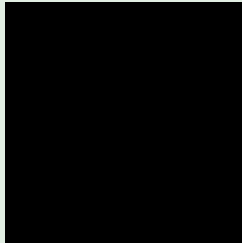
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

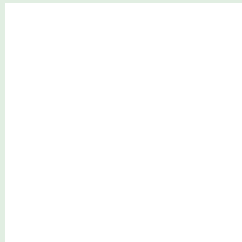
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.766, 146.302

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.766, 146.302.

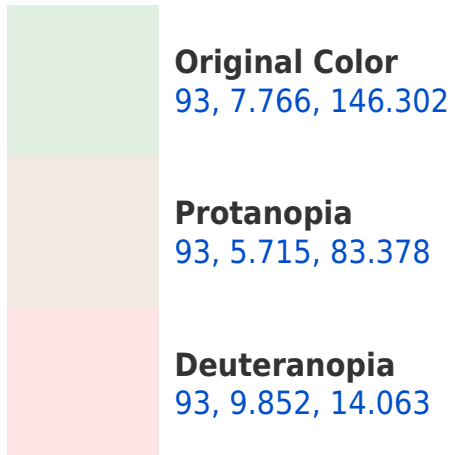


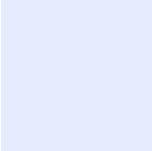
This preview shows how white text looks on a background with the CIELCh color 93, 7.766, 146.302.

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](#).

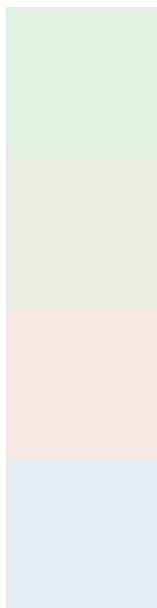
Dichromacy





Tritanopia
93, 9.883, 283.016

Trichromacy



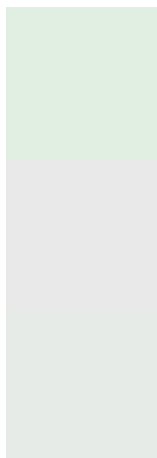
Original Color
93, 7.766, 146.302

Protanomaly
93, 5.665, 113.363

Deuteranomaly
93, 4.581, 39.217

Tritanomaly
93, 4.519, 252.582

Monochromacy



Original Color
93, 7.766, 146.302

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.731, 150.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.766, 146.302 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(225, 238, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 238, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.766, 146.302 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(225, 238, 226) }
```

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

```
.border{ border-color:rgb(225, 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(225, 238, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 238,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.766, 146.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 238, 226) }
```

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

```
.background{ background-color: rgb(225,  
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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