

Converting Colors

CIELCh(93, 6.686, 178.300)

Have a look what the booklet for
CIELCh(93, 6.686, 178.300) contains.

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Color

CIELCh(93, 6.849, 176.905)

Conversions

Conversions Part 1

Format	Color
Hex	DDEFEA
RGB	221, 239, 234
RGB Percent	87%, 94%, 92%
CMY	0.1337, 0.0631, 0.0827
CMYK	0.08, 0.00, 0.02, 0.06
HSL	163°, 36%, 90%
HSV	163°, 8%, 94%
XYZ	75.4639, 82.9670, 89.8048
YIQ	233.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

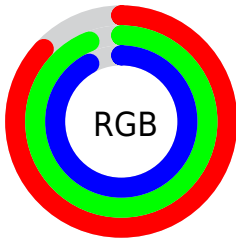
Format	Color
R _{YB}	221, 231, 239
Decimal	14544874
CIE Lab	93.00, -6.84, 0.37
CIE LCh	93, 6.849, 176.905
Yxy	82.9670, 0.3040, 0.3342
Android (android.graphics.Color)	4292734954 (0xFFDDEFEA)
YUV	233.0480, 0.4693, -10.5661
Hunter-Lab	91.0862, -11.5157, 5.3045

Details

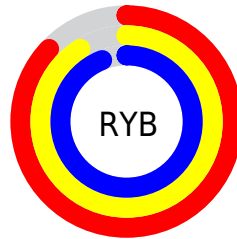
The CIELCh color **93, 6.849, 176.905** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 7.017, 358.145**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.856, 175.587** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.787, 175.875**, and if you desaturate by 10%, it is **95, 2.261, 357.481**.

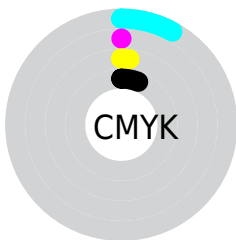
Distribution



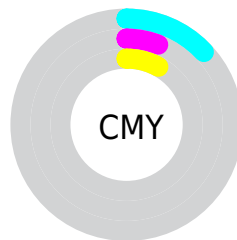
- Red (87%)
- Green (94%)
- Blue (92%)



- Red (87%)
- Yellow (91%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.849, 176.905 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, 6.849, 176.905 by changing the saturation by 10% instead.

 93, 6.849, 176.905

 93, 6.849, 176.905

 100, 6.849,
176.905

 83, 6.849, 176.905

 73, 6.849, 176.905

 63, 6.849, 176.905

 53, 6.849, 176.905

 43, 6.849, 176.905

 33, 6.849, 176.905

 23, 6.849, 176.905

 13, 6.849, 176.905

 3, 6.849, 176.905

93, 6.849, 176.905

93, 6.849, 176.905

91, 15.787,
175.875

95, 2.261, 357.481

90, 24.418,
174.817

96, 7.126, 343.342

88, 32.596,
173.677

96, 9.545, 326.799

96, 10.035,
324.760

87, 40.165,
172.431

86, 46.977,
171.054

86, 52.906,
169.521

85, 57.878,
167.808

85, 61.889,
165.898

■ 84, 65.043,
163.800

Harmonies

Complementary

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



93, 6.849, 176.905



90, 7.017, 358.145

Rectangle

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



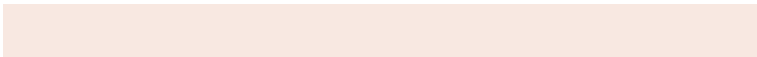
93, 6.849, 176.905



93, 6.849, 226.905



93, 6.849, 356.905



93, 6.849, 46.905

Sweetspot

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



93, 6.851, 176.894



100, 1.920, 177.628



93, 10.396, 135.954



53, 1.092, 177.653



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, 6.851, 176.894



98, 8.617, 176.739



92, 5.258, 221.810



49, 5.172, 176.694



66, 53.662, 163.668



20, 22.298, 167.058

Inverse Universe

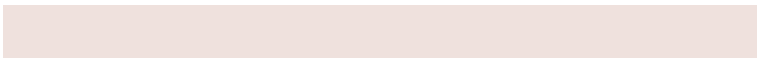
The Inverse Universe completely reimagines the original color for something new.



90, 7.017, 358.145



94, 8.864, 358.308



90, 5.503, 41.109



47, 5.328, 358.357



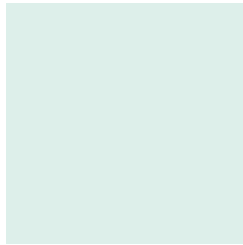
39, 69.271, 23.049



8, 28.814, 11.593

Previews

White Background



This preview shows how the CIE LCh color 93, 6.849, 176.905 looks on a white background.

Color Contrast Check

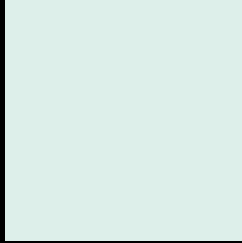
Large Text (above 18pt) WCAG AA × Fail

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, 6.849, 176.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

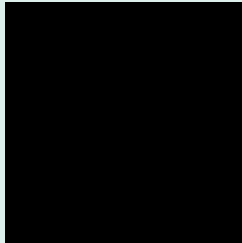
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

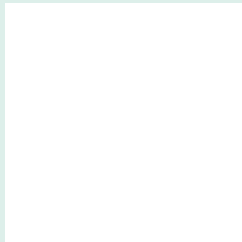
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.849, 176.905

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.849, 176.905.

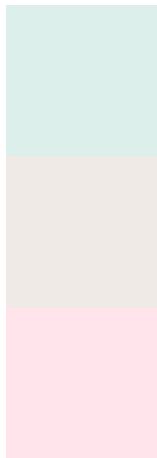


This preview shows how white text looks on a background with the CIELCh color 93, 6.849, 176.905.

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

93, 6.849, 176.905

Protanopia

93, 2.629, 55.187

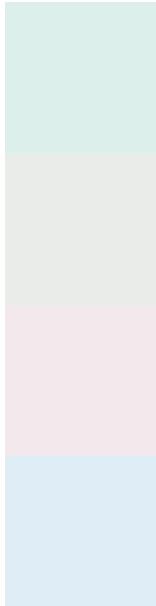
Deuteranopia

93, 10.556, 357.190



Tritanopia
93, 10.057, 267.078

Trichromacy



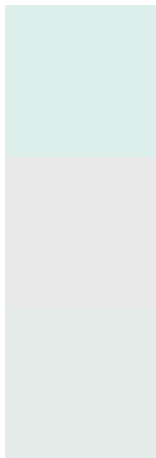
Original Color
93, 6.849, 176.905

Protanomaly
93, 2.322, 137.318

Deuteranomaly
93, 4.236, 358.167

Tritanomaly
93, 6.973, 247.106

Monochromacy



Original Color
93, 6.849, 176.905

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.367, 173.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.849, 176.905 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(221, 239, 234)` looks like.

```
.text, #text, p{  
    color:rgb(221, 239, 234)  
}
```

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(221, 239, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 239, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.849, 176.905 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(221, 239, 234) }
```

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

```
.border{ border-color:rgb(221, 239, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 239, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 239, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 239, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 239,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.849, 176.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 239, 234) }
```

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

```
.background{ background-color: rgb(221,  
239, 234) }
```

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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