

# Converting Colors

CIELCh(93, 1.826, 359.070)

Have a look what the booklet for  
CIELCh(93, 1.826, 359.070) contains.

<b>CIELCh(93, 1.861, 3.126)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(93, 1.861, 3.126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFEAEB
RGB	239, 234, 235
RGB Percent	94%, 92%, 92%
CMY	0.0639, 0.0834, 0.0795
CMYK	0.00, 0.02, 0.02, 0.06
HSL	348°, 13%, 93%
HSV	348°, 2%, 94%
XYZ	79.7971, 82.9670, 90.1907
YIQ	235.6090, 2.6590, 1.3710

# Conversions

## Conversions Part 2

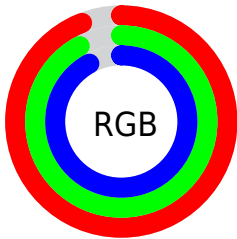
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 234, 235
Decimal	15723243
CIE Lab	93.00, 1.86, 0.10
CIE LCh	93, 1.861, 3.126
Yxy	82.9670, 0.3155, 0.3280
Android (android.graphics.Color)	4293913323 (0xFFEFEAEB)
YUV	235.6090, -0.3002, 2.9739
Hunter-Lab	91.0862, -3.0241, 5.0533

# Details

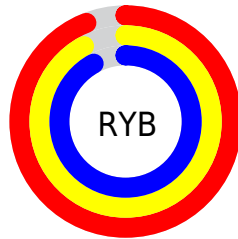
The CIELCh color **93, 1.861, 3.126** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **94, 1.836, 183.431**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 1.958, 3.250** is the 20% darker color. If you saturate the color by 10%, you get **87, 11.018, 4.411**, and if you desaturate by 10%, it is **99, 5.650, 193.102**.

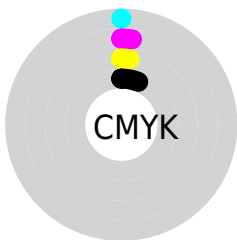
# Distribution



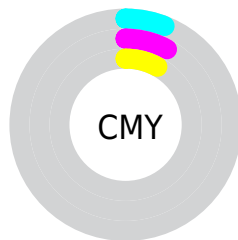
- Red (94%)
- Green (92%)
- Blue (92%)



- Red (94%)
- Yellow (92%)
- Blue (92%)



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



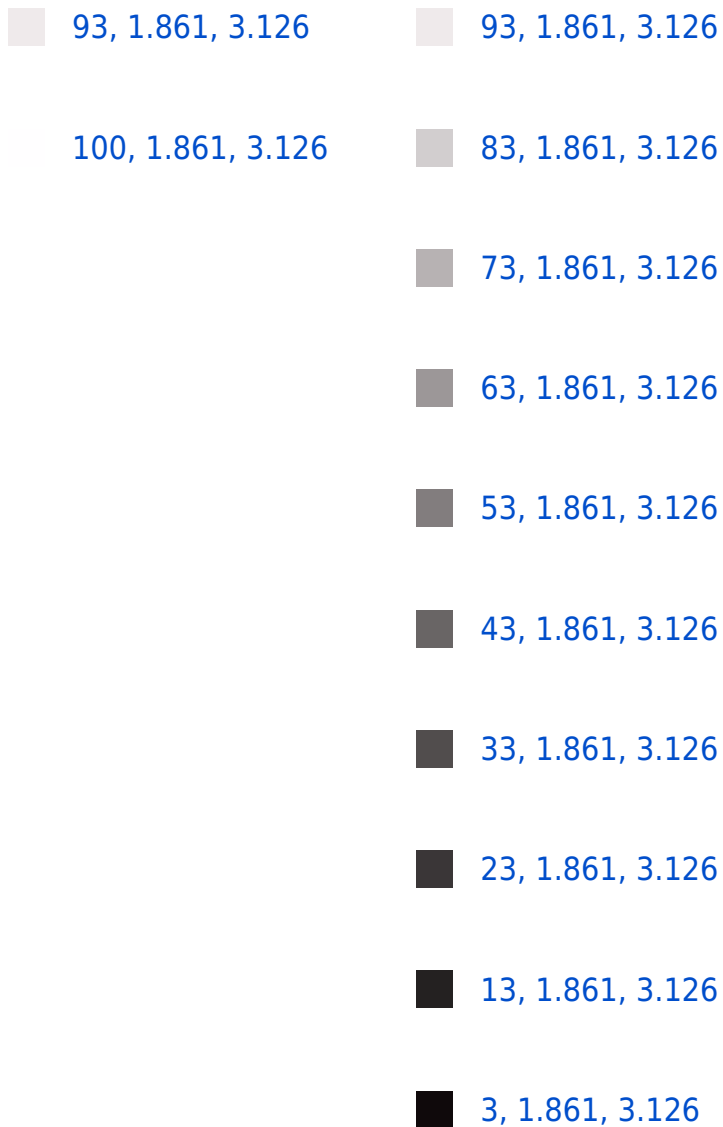
- Cyan (6%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 1.861, 3.126 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, 1.861, 3.126 by changing the saturation by 10% instead.





93, 1.861, 3.126

93, 1.861, 3.126

87, 11.018, 4.411

99, 5.650, 193.102

80, 20.644, 5.589

99, 5.597, 199.169

74, 30.660, 6.986

69, 40.905, 8.694

64, 51.115, 10.824

59, 60.925, 13.518

55, 69.928, 16.934

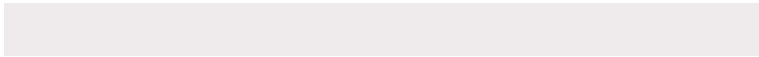
53, 77.810, 21.193

51, 84.504, 26.250

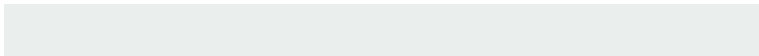
# Harmonies

# Complementary

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



93, 1.861, 3.126



94, 1.836, 183.431

# Rectangle

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



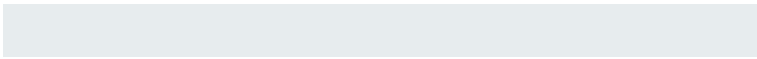
93, 1.861, 3.126



93, 1.861, 53.126



93, 1.861, 183.126



93, 1.861, 233.126

# Sweetspot

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



93, 1.859, 3.174



99, 0.937, 2.736



93, 2.963, 318.824



53, 0.533, 2.698



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

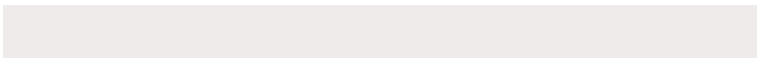
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 1.859, 3.174



98, 2.817, 3.354



93, 1.453, 51.023



49, 2.033, 3.471



38, 72.624, 29.473



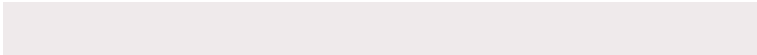
8, 29.005, 15.591





# Inverse Universe

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



93, 1.859, 3.174



98, 2.817, 3.354



94, 1.446, 232.098



49, 2.033, 3.471



38, 72.624, 29.473

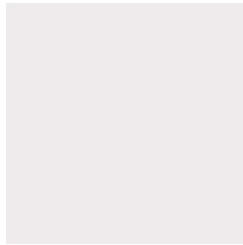


8, 29.005, 15.591



# Previews

## White Background



This preview shows how the CIE LCh color 93, 1.861, 3.126 looks on a white background.

## Color Contrast Check

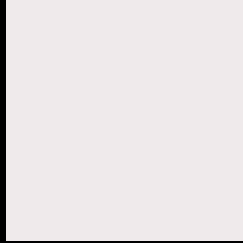
Large Text (above 18pt) WCAG AA × Fail

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, 1.861, 3.126 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

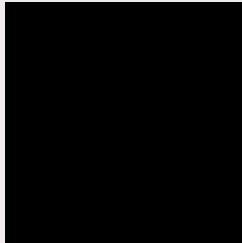
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

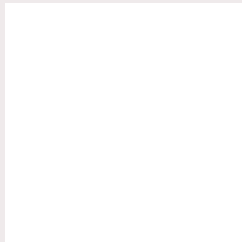
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 93, 1.861, 3.126

## Background



This preview shows how black text looks on a background with the CIELCh color 93, 1.861, 3.126.

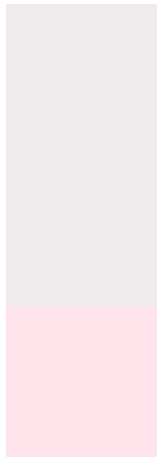


This preview shows how white text looks on a background with the CIELCh color 93, 1.861, 3.126.

# 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, 1.861, 3.126

### Protanopia

93, 1.861, 3.126

### Deuteranopia

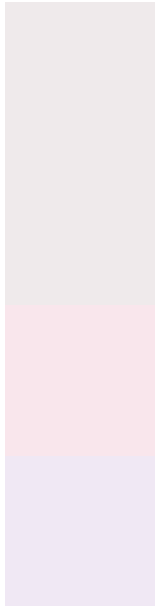
93, 10.556, 357.190



**Tritanopia**  
93, 10.463, 310.301



# Trichromacy



## Original Color

93, 1.861, 3.126

## Protanomaly

93, 1.861, 3.126

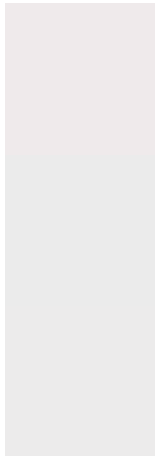
## Deuteranomaly

93, 7.491, 355.523

## Tritanomaly

93, 6.841, 314.844

# Monochromacy



## Original Color

93, 1.861, 3.126

## Achromatopsia

93, 0.011, 296.813

## Achromatomaly

93, 0.356, 17.680

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 93, 1.861, 3.126 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(239, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 235)  
}
```

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(239, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 235) }
```

## Border

The CSS property to change the border of an element to CIELCh 93, 1.861, 3.126 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(239, 234, 235) }
```

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

```
.border{ border-color:rgb(239, 234, 235) }
```

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

Here you see how a box with a 4 pixel rgb(239, 234, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
235) }
```

# Background

The CSS property to change the background color of an element to CIELCh 93, 1.861, 3.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 235) }
```

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

```
.background{ background-color: rgb(239,  
234, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor