

Converting Colors

CIELCh(94, 1.765, 188.566)

Have a look what the booklet for
CIELCh(94, 1.765, 188.566) contains.

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Color

CIELCh(94, 1.837, 183.382)

Conversions

Conversions Part 1

Format	Color
Hex	EAEFEE
RGB	234, 239, 238
RGB Percent	92%, 94%, 93%
CMY	0.0830, 0.0633, 0.0673
CMYK	0.02, 0.00, 0.00, 0.06
HSL	168°, 13%, 93%
HSV	168°, 2%, 94%
XYZ	80.1113, 85.2715, 93.0055
YIQ	237.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

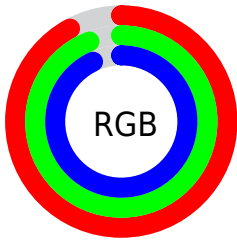
Format	Color
R_{YB}	234, 237, 239
Decimal	15396846
CIE Lab	94.00, -1.83, -0.11
CIE LCh	94, 1.837, 183.382
Yxy	85.2715, 0.3100, 0.3300
Android (android.graphics.Color)	4293586926 (0xFFEAEFEE)
YUV	237.3910, 0.3002, -2.9739
Hunter-Lab	92.3426, -6.7429, 4.9242

Details

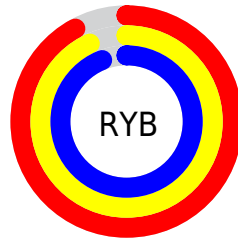
The CIELCh color **94, 1.837, 183.382** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 1.862, 3.079**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 1.931, 183.259** is the 20% darker color. If you saturate the color by 10%, you get **92, 10.511, 182.168**, and if you desaturate by 10%, it is **96, 6.081, 1.150**.

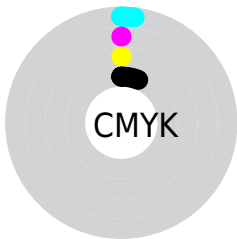
Distribution



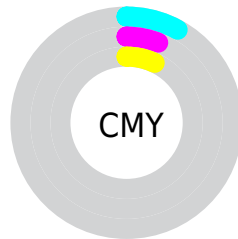
- Red (92%)
- Green (94%)
- Blue (93%)



- Red (92%)
- Yellow (93%)
- Blue (94%)



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



- Cyan (8%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.837, 183.382 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 94, 1.837, 183.382 by changing the saturation by 10% instead.

94, 1.837, 183.382

94, 1.837, 183.382

100, 1.837,
183.382

84, 1.837, 183.382

74, 1.837, 183.382

64, 1.837, 183.382

54, 1.837, 183.382

44, 1.837, 183.382

34, 1.837, 183.382

24, 1.837, 183.382

14, 1.837, 183.382

4, 1.837, 183.382

94, 1.837, 183.382

94, 1.837, 183.382

92, 10.511,
182.168

96, 6.081, 1.150

91, 18.879,
181.193

96, 7.236, 342.452

89, 26.803,
180.176

96, 8.938, 329.918

96, 10.071,
324.761

88, 34.134,
179.093

87, 40.724,
177.924

86, 46.442,
176.645

86, 51.196,
175.233

85, 54.952,
173.665

■ 85, 57.756,
171.924

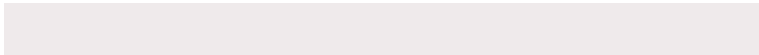
Harmonies

Complementary

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



94, 1.837, 183.382



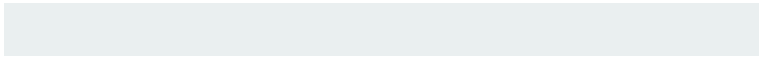
93, 1.862, 3.079

Rectangle

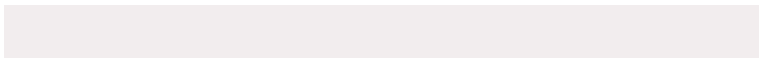
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



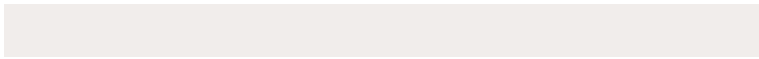
94, 1.837, 183.382



94, 1.837, 233.382



94, 1.837, 3.382



94, 1.837, 53.382

Sweetspot

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



94, 1.839, 183.334



100, 0.924, 183.775



94, 2.929, 138.299



53, 0.525, 183.814



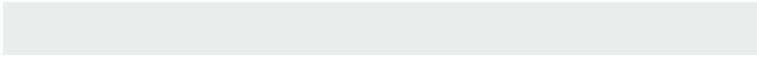
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

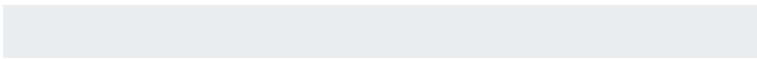
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.839, 183.334



99, 2.777, 183.156



94, 1.451, 230.027



50, 2.000, 183.041



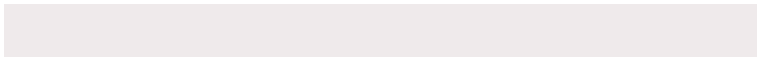
67, 48.610, 170.791



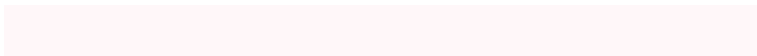
20, 20.485, 173.705

Inverse Universe

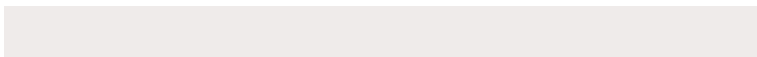
The Inverse Universe completely reimagines the original color for something new.



93, 1.862, 3.079



98, 2.818, 3.258



93, 1.459, 48.971



49, 2.034, 3.375



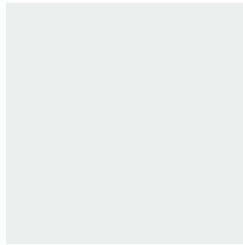
38, 72.565, 29.379



8, 29.001, 15.535

Previews

White Background



This preview shows how the CIE LCh color 94, 1.837, 183.382 looks on a white background.

Color Contrast Check

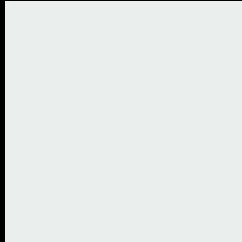
Large Text (above 18pt) WCAG AA × Fail

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 94, 1.837, 183.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

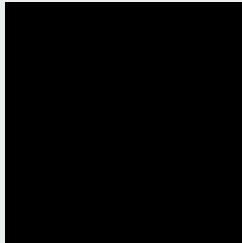
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

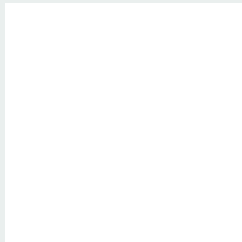
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.837, 183.382

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.837, 183.382.

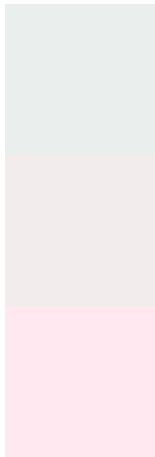


This preview shows how white text looks on a background with the CIELCh color 94, 1.837, 183.382.

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


94, 1.837, 183.382

Protanopia

94, 2.136, 19.258

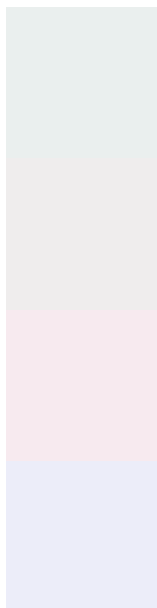
Deuteranopia

94, 8.999, 356.460



Tritanopia
94, 9.806, 292.949

Trichromacy



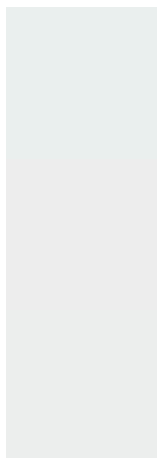
Original Color
94, 1.837, 183.382

Protanomaly
94, 0.710, 18.571

Deuteranomaly
94, 5.316, 350.749

Tritanomaly
94, 6.190, 287.468

Monochromacy



Original Color
94, 1.837, 183.382

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.872, 164.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.837, 183.382 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(234, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(234, 239, 238)  
}
```

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(234, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 239, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.837, 183.382 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(234, 239, 238) }
```

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

```
.border{ border-color:rgb(234, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(234, 239,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.837, 183.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 239, 238) }
```

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

```
.background{ background-color: rgb(234,  
239, 238) }
```

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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