

Converting Colors

CIELCh(94, 3.945, 173.029)

Have a look what the booklet for
CIELCh(94, 3.945, 173.029) contains.

CIELCh(94, 3.856, 175.721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 3.856, 175.721)

Conversions

Conversions Part 1

Format	Color
Hex	E6F0ED
RGB	230, 240, 237
RGB Percent	90%, 94%, 93%
CMY	0.0980, 0.0587, 0.0705
CMYK	0.04, 0.00, 0.01, 0.06
HSL	162°, 25%, 92%
HSV	162°, 4%, 94%
XYZ	79.0921, 85.2715, 92.4243
YIQ	236.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

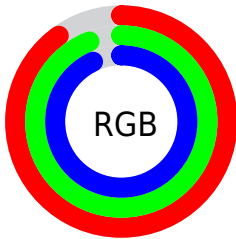
Format	Color
R _Y B	230, 236, 240
Decimal	15134957
CIE Lab	94.00, -3.85, 0.29
CIE LCh	94, 3.856, 175.721
Yxy	85.2715, 0.3080, 0.3321
Android (android.graphics.Color)	4293325037 (0xFFE6F0ED)
YUV	236.6680, 0.1637, -5.8478
Hunter-Lab	92.3426, -8.7130, 5.2973

Details

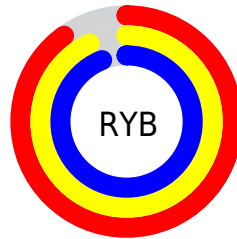
The CIELCh color **94, 3.856, 175.721** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 3.913, 356.189**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.718, 173.371** is the 20% darker color. If you saturate the color by 10%, you get **92, 13.029, 174.648**, and if you desaturate by 10%, it is **96, 5.430, 356.353**.

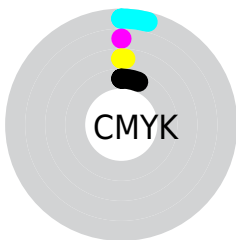
Distribution



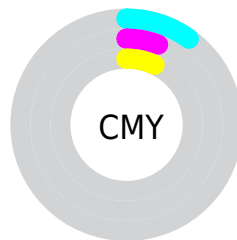
- Red (90%)
- Green (94%)
- Blue (93%)



- Red (90%)
- Yellow (93%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.856, 175.721 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, 3.856, 175.721 by changing the saturation by 10% instead.

94, 3.856, 175.721

94, 3.856, 175.721

100, 3.856,
175.721

84, 3.856, 175.721

74, 3.856, 175.721

64, 3.856, 175.721

54, 3.856, 175.721

44, 3.856, 175.721

34, 3.856, 175.721

24, 3.856, 175.721

14, 3.856, 175.721

4, 3.856, 175.721

■ 94, 3.856, 175.721

■ 94, 3.856, 175.721

■ 92, 13.029,
174.648

■ 96, 5.430, 356.353

■ 91, 21.959,
173.603

■ 96, 7.905, 332.229

■ 96, 9.336, 324.733

■ 89, 30.505,
172.481


■ 88, 38.512,
171.253

■ 87, 45.822,
169.897

■ 86, 52.298,
168.386

■ 85, 57.840,
166.696

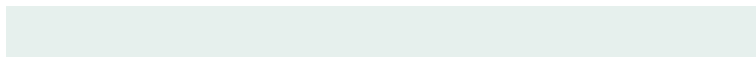
■ 85, 62.415,
164.806

 85, 66.077,
162.714

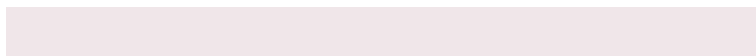
Harmonies

Complementary

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



94, 3.856, 175.721



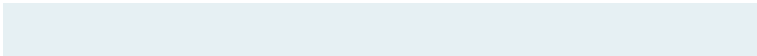
92, 3.913, 356.189

Rectangle

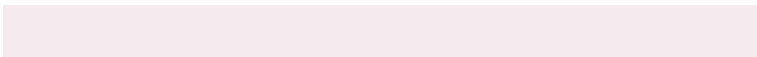
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



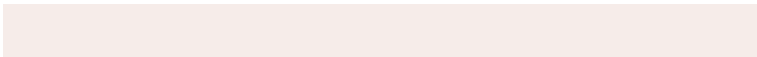
94, 3.856, 175.721



94, 3.856, 225.721



94, 3.856, 355.721



94, 3.856, 45.721

Sweetspot

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



94, 3.858, 175.702



100, 0.969, 176.441



94, 5.705, 135.066



53, 0.551, 176.477



0, 0.000, 0.000



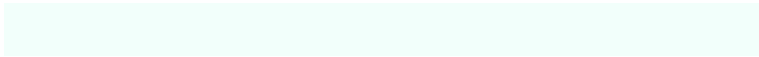
53, 0.007, 296.813

Same Dimension

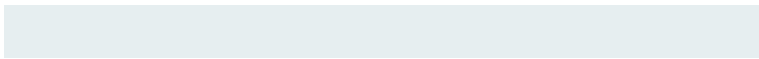
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.858, 175.702



99, 4.859, 175.600



94, 2.995, 217.842



50, 3.150, 175.524



66, 55.201, 161.845



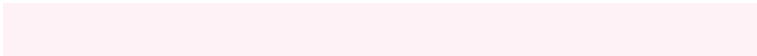
20, 22.854, 165.329

Inverse Universe

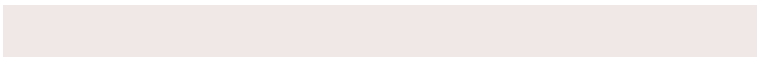
The Inverse Universe completely reimagines the original color for something new.



92, 3.913, 356.189



97, 4.938, 356.293



93, 3.070, 37.305



48, 3.206, 356.372



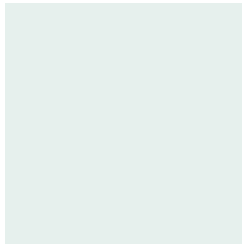
39, 68.494, 21.059



8, 28.780, 10.281

Previews

White Background



This preview shows how the CIE LCh color 94, 3.856, 175.721 looks on a white background.

Color Contrast Check

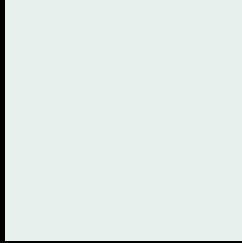
Large Text (above 18pt) WCAG AA × Fail

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, 3.856, 175.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

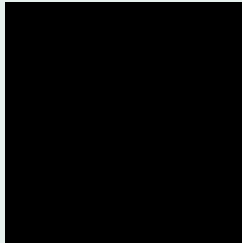
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

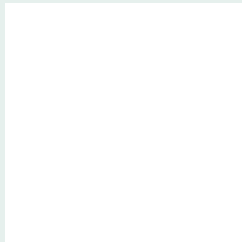
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.856, 175.721

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.856, 175.721.

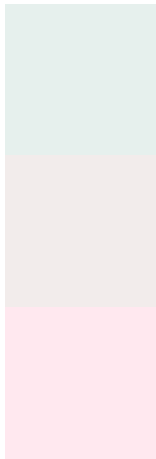


This preview shows how white text looks on a background with the CIELCh color 94, 3.856, 175.721.

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](#).

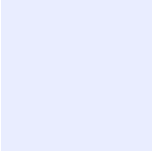
Dichromacy



Original Color
94, 3.856, 175.721

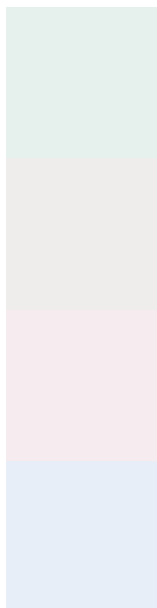
Protanopia
94, 2.193, 32.799

Deuteranopia
94, 8.999, 356.460



Tritanopia
94, 9.350, 282.513

Trichromacy



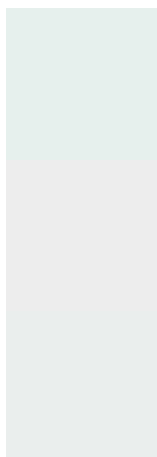
Original Color
94, 3.856, 175.721

Protanomaly
94, 0.613, 74.635

Deuteranomaly
94, 4.225, 358.161

Tritanomaly
94, 5.520, 268.549

Monochromacy



Original Color
94, 3.856, 175.721

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.504, 179.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.856, 175.721 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(230, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 237)  
}
```

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(230, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.856, 175.721 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(230, 240, 237) }
```

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

```
.border{ border-color:rgb(230, 240, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.856, 175.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 237) }
```

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

```
.background{ background-color: rgb(230,  
240, 237) }
```

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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