

Converting Colors

CIELCh(94, 6.060, 176.614)

Have a look what the booklet for
CIELCh(94, 6.060, 176.614) contains.

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Color

CIELCh(94, 5.993, 179.005)

Conversions

Conversions Part 1

Format	Color
Hex	E1F1ED
RGB	225, 241, 237
RGB Percent	88%, 95%, 93%
CMY	0.1165, 0.0537, 0.0694
CMYK	0.07, 0.00, 0.02, 0.05
HSL	165°, 37%, 91%
HSV	165°, 7%, 95%
XYZ	78.0139, 85.2715, 92.6934
YIQ	235.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

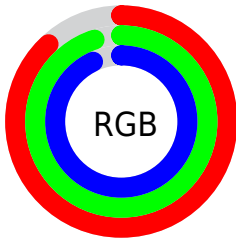
Format	Color
R_{YB}	225, 234, 241
Decimal	14807533
CIE _{Lab}	94.00, -5.99, 0.10
CIE _{LCh}	94, 5.993, 179.005
Yxy	85.2715, 0.3048, 0.3331
Android (android.graphics.Color)	4292997613 (0xFFE1F1ED)
YUV	235.7600, 0.6113, -9.4365
Hunter-Lab	92.3426, -10.7972, 5.1245

Details

The CIELCh color **94, 5.993, 179.005** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.136, 0.037**, 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 **74, 5.950, 177.654** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.868, 177.977**, and if you desaturate by 10%, it is **96, 3.071, 359.616**.

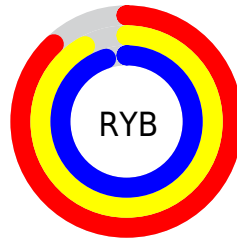
Distribution



Red (88%)

Green (95%)

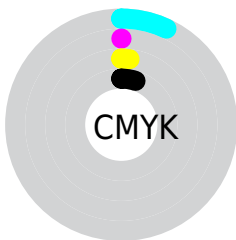
Blue (93%)



Red (88%)

Yellow (92%)

Blue (95%)

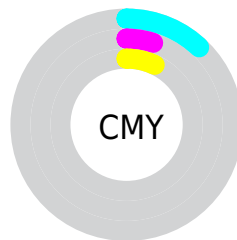


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.993, 179.005 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, 5.993, 179.005 by changing the saturation by 10% instead.

94, 5.993, 179.005

94, 5.993, 179.005

100, 5.993,
179.005

84, 5.993, 179.005

74, 5.993, 179.005

64, 5.993, 179.005

54, 5.993, 179.005

44, 5.993, 179.005

34, 5.993, 179.005

24, 5.993, 179.005

14, 5.993, 179.005

4, 5.993, 179.005

94, 5.993, 179.005

94, 5.993, 179.005

92, 14.868,
177.977

96, 3.071, 359.616

91, 23.420,
176.940

96, 6.385, 339.488

97, 8.537, 324.702

89, 31.504,
175.832


88, 38.964,
174.628

87, 45.652,
173.306

87, 51.443,
171.840

86, 56.260,
170.206

86, 60.097,
168.385

 85, 63.043,
166.374

Harmonies

Complementary

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



94, 5.993, 179.005



91, 6.136, 0.037

Rectangle

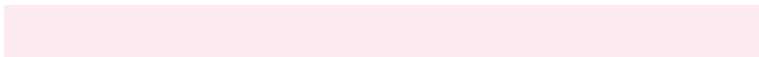
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



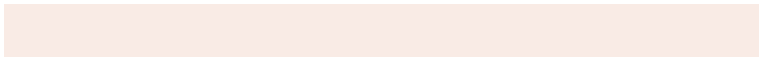
94, 5.993, 179.005



94, 5.993, 229.005



94, 5.993, 359.005



94, 5.993, 49.005

Sweetspot

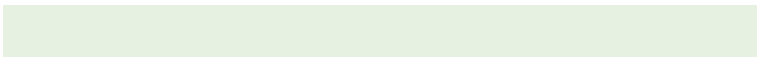
The Sweet Spot groups the original color and five complimentary colors.



94, 5.995, 178.992



100, 1.893, 179.635



94, 9.266, 136.515



53, 1.076, 179.661



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, 5.995, 178.992



98, 7.551, 178.846



93, 4.644, 223.822



49, 5.094, 178.698



66, 51.795, 166.071



20, 21.626, 169.320

Inverse Universe

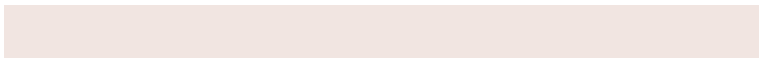
The Inverse Universe completely reimagines the original color for something new.



91, 6.136, 0.037



95, 7.763, 0.191



92, 4.829, 43.046



47, 5.262, 0.350



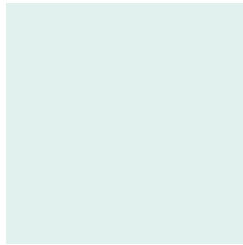
38, 70.355, 25.429



8, 28.870, 13.114

Previews

White Background



This preview shows how the CIELCh color 94, 5.993, 179.005 looks on a white background.

Color Contrast Check

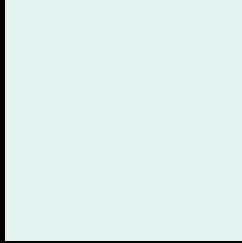
Large Text (above 18pt) WCAG AA × Fail

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, 5.993, 179.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

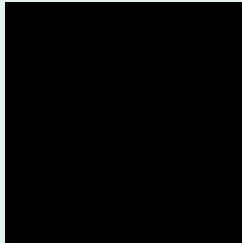
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

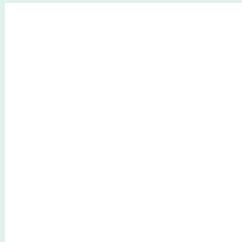
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.993, 179.005

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.993, 179.005.

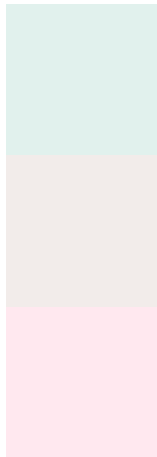


This preview shows how white text looks on a background with the CIELCh color 94, 5.993, 179.005.

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, 5.993, 179.005

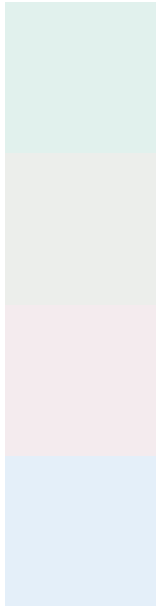
Protanopia
94, 2.363, 45.014

Deuteranopia
94, 8.999, 356.460



Tritanopia
94, 9.118, 273.495

Trichromacy



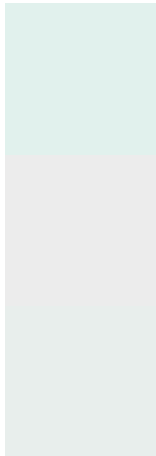
Original Color
94, 5.993, 179.005

Protanomaly
94, 1.696, 134.733

Deuteranomaly
94, 3.570, 353.879

Tritanomaly
94, 6.327, 253.940

Monochromacy



Original Color
94, 5.993, 179.005

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.361, 173.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.993, 179.005 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, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 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(225, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.993, 179.005 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, 241, 237) }
```

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

```
.border{ border-color:rgb(225, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 241,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.993, 179.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 237) }
```

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

```
.background{ background-color: rgb(225,  
241, 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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