

Converting Colors

CIELCh(94, 5.384, 180.643)

Have a look what the booklet for
CIELCh(94, 5.384, 180.643) contains.

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Color

CIELCh(94, 5.487, 182.803)

Conversions

Conversions Part 1

Format	Color
Hex	E2F1EE
RGB	226, 241, 238
RGB Percent	89%, 95%, 93%
CMY	0.1136, 0.0548, 0.0666
CMYK	0.06, 0.00, 0.01, 0.05
HSL	168°, 35%, 92%
HSV	168°, 6%, 95%
XYZ	78.2700, 85.2715, 93.2408
YIQ	236.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

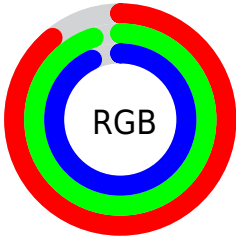
Format	Color
R _Y B	226, 234, 241
Decimal	14873070
CIE Lab	94.00, -5.48, -0.27
CIE LCh	94, 5.487, 182.803
Yxy	85.2715, 0.3048, 0.3321
Android (android.graphics.Color)	4293063150 (0xFFE2F1EE)
YUV	236.1730, 0.9007, -8.9217
Hunter-Lab	92.3426, -10.3022, 4.7731

Details

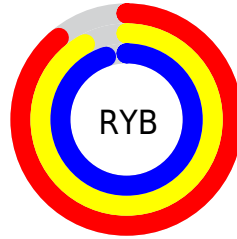
The CIELCh color **94, 5.487, 182.803** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 5.630, 3.705**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 5.410, 181.584** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.112, 181.800**, and if you desaturate by 10%, it is **96, 3.369, 3.387**.

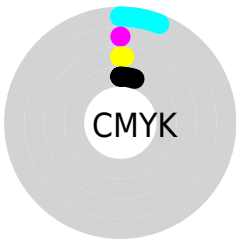
Distribution



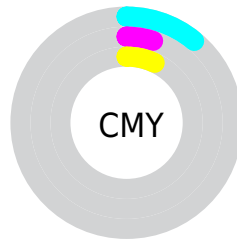
- Red (89%)
- Green (95%)
- Blue (93%)



- Red (89%)
- Yellow (92%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.487, 182.803 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, 5.487, 182.803 by changing the saturation by 10% instead.

 94, 5.487, 182.803

 94, 5.487, 182.803

 100, 5.487,
182.803

 84, 5.487, 182.803

 74, 5.487, 182.803

 64, 5.487, 182.803

 54, 5.487, 182.803

 44, 5.487, 182.803

 34, 5.487, 182.803

 24, 5.487, 182.803

 14, 5.487, 182.803

 4, 5.487, 182.803

94, 5.487, 182.803

94, 5.487, 182.803

92, 14.112,
181.800

96, 3.369, 3.387

91, 22.372,
180.812

96, 6.022, 345.358

97, 7.691, 330.089

89, 30.123,
179.770

97, 8.707, 324.709

88, 37.212,
178.654

87, 43.497,
177.442

87, 48.858,
176.112

86, 53.224,
174.638

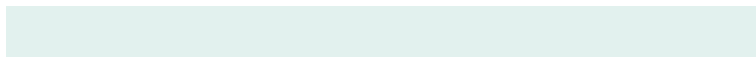
86, 56.593,
173.000

■ 85, 59.052,
171.189

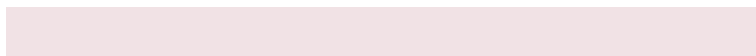
Harmonies

Complementary

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



94, 5.487, 182.803



91, 5.630, 3.705

Rectangle

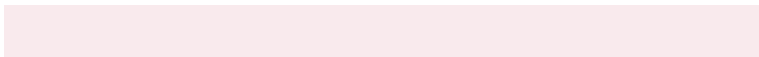
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 5.487, 182.803



94, 5.487, 232.803



94, 5.487, 2.803



94, 5.487, 52.803

Sweetspot

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



94, 5.489, 182.787



100, 1.851, 183.387



94, 8.812, 138.058



53, 1.053, 183.413



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

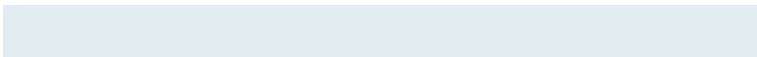
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.489, 182.787



99, 6.456, 182.703



93, 4.300, 230.039



50, 3.985, 182.646



67, 48.584, 170.834



20, 20.476, 173.744

Inverse Universe

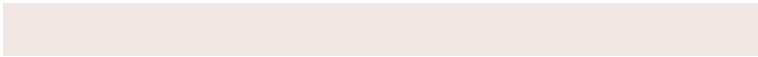
The Inverse Universe completely reimagines the original color for something new.



91, 5.630, 3.705



95, 6.641, 3.794



92, 4.445, 48.999



47, 4.107, 3.856



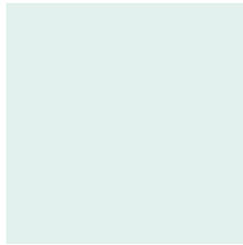
38, 72.585, 29.411



8, 29.002, 15.554

Previews

White Background



This preview shows how the CIELCh color 94, 5.487, 182.803 looks on a white background.

Color Contrast Check

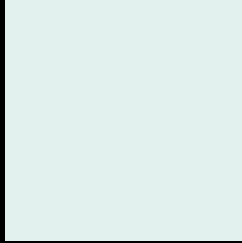
Large Text (above 18pt) WCAG AA × Fail

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, 5.487, 182.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

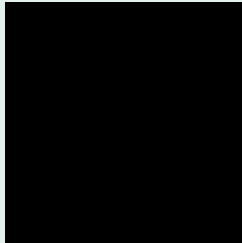
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

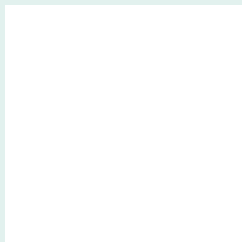
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.487, 182.803

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.487, 182.803.

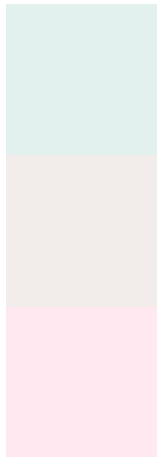


This preview shows how white text looks on a background with the CIELCh color 94, 5.487, 182.803.

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, 5.487, 182.803

Protanopia

94, 2.193, 32.799

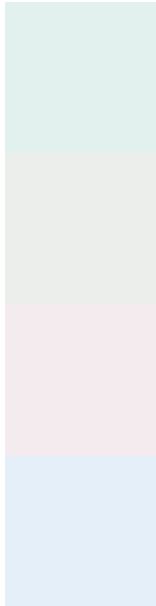
Deuteranopia

94, 9.209, 353.524



Tritanopia
94, 9.118, 273.495

Trichromacy



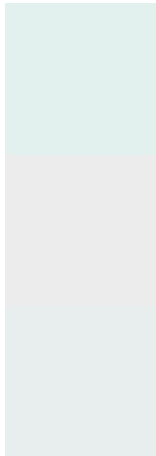
Original Color
94, 5.487, 182.803

Protanomaly
94, 1.247, 144.631

Deuteranomaly
94, 3.823, 346.946

Tritanomaly
94, 6.137, 256.530

Monochromacy



Original Color
94, 5.487, 182.803

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.178, 185.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.487, 182.803 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(226, 241, 238)` looks like.

```
.text, #text, p{  
    color:rgb(226, 241, 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(226, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 241, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.487, 182.803 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(226, 241, 238) }
```

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

```
.border{ border-color:rgb(226, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(226, 241,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.487, 182.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 241, 238) }
```

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

```
.background{ background-color: rgb(226,  
241, 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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