

Converting Colors

CIELCh(94, 9.826, 119.020)

Have a look what the booklet for
CIELCh(94, 9.826, 119.020) contains.

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Color

CIELCh(94, 9.920, 119.933)

Conversions

Conversions Part 1

Format	Color
Hex	EBF0DD
RGB	235, 240, 221
RGB Percent	92%, 94%, 87%
CMY	0.0781, 0.0585, 0.1330
CMYK	0.02, 0.00, 0.08, 0.06
HSL	76°, 39%, 90%
HSV	76°, 8%, 94%
XYZ	78.5360, 85.2715, 80.7842
YIQ	236.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

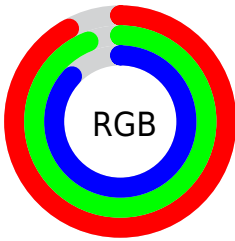
Format	Color
RYB	221, 240, 226
Decimal	15462621
CIELab	94.00, -4.95, 8.60
CIELCh	94, 9.920, 119.933
Yxy	85.2715, 0.3211, 0.3486
Android (android.graphics.Color)	4293652701 (0xFFEBF0DD)
YUV	236.3390, -7.5621, -1.1743
Hunter-Lab	92.3426, -9.7878, 12.7711

Details

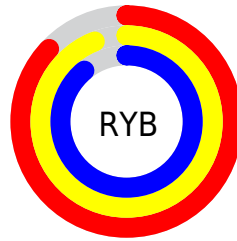
The CIELCh color **94, 9.920, 119.933** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 10.092, 300.913**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.898, 120.396** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.429, 119.315**, and if you desaturate by 10%, it is **95, 2.626, 300.525**.

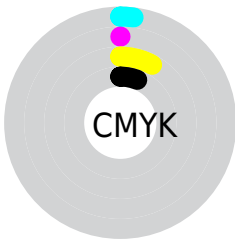
Distribution



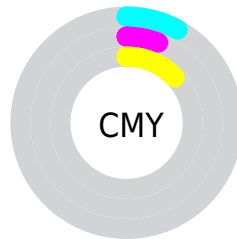
- Red (92%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.920, 119.933 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, 9.920, 119.933 by changing the saturation by 10% instead.

94, 9.920, 119.933

94, 9.920, 119.933

100, 9.920,
119.933

84, 9.920, 119.933

74, 9.920, 119.933

64, 9.920, 119.933

54, 9.920, 119.933

44, 9.920, 119.933

34, 9.920, 119.933

24, 9.920, 119.933

14, 9.920, 119.933

4, 9.920, 119.933

94, 9.920, 119.933

94, 9.920, 119.933

93, 22.429,
119.315

95, 2.626, 300.525

92, 34.806,
118.687

96, 8.137, 309.740

91, 46.923,
118.077

96, 9.111, 322.996

91, 58.582,
117.522

96, 9.294, 324.732

90, 69.490,
117.073

89, 79.223,
116.807

89, 87.230,
116.823

88, 92.958,
117.228

■ 88, 96.205,
118.078

Harmonies

Complementary

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



94, 9.920, 119.933



89, 10.092, 300.913

Rectangle

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



94, 9.920, 119.933



94, 9.920, 169.933



94, 9.920, 299.933



94, 9.920, 349.933

Sweetspot

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



94, 9.922, 119.940



100, 2.624, 120.312



91, 5.730, 44.971



53, 1.492, 120.319



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, 9.922, 119.940



99, 11.846, 119.871



93, 11.075, 136.965



50, 7.113, 119.843



69, 79.003, 118.052



21, 32.923, 117.198

Inverse Universe

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



89, 10.092, 300.913



93, 12.072, 300.988



90, 11.144, 317.613



46, 7.254, 301.019



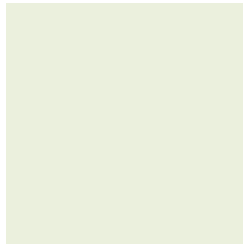
24, 102.066, 307.885



3, 38.632, 304.992

Previews

White Background



This preview shows how the CIELCh color 94, 9.920, 119.933 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, 9.920, 119.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

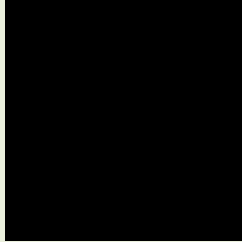
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

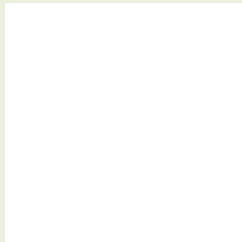
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.920, 119.933

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.920, 119.933.



This preview shows how white text looks on a background with the CIELCh color 94, 9.920, 119.933.

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](#).

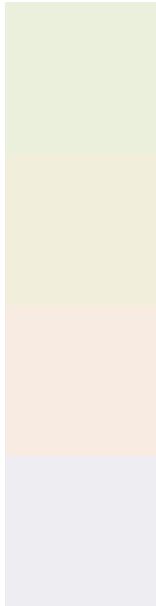
Dichromacy





Tritanopia
94, 9.975, 300.878

Trichromacy



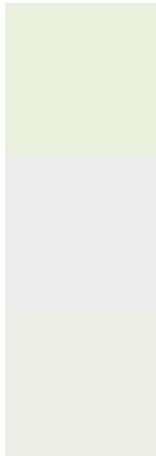
Original Color
94, 9.920, 119.933

Protanomaly
94, 9.332, 100.436

Deuteranomaly
94, 6.713, 69.245

Tritanomaly
94, 2.612, 298.129

Monochromacy



Original Color
94, 9.920, 119.933

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.100, 116.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.920, 119.933 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(235, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 221)  
}
```

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(235, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.920, 119.933 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(235, 240, 221) }
```

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

```
.border{ border-color:rgb(235, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.920, 119.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 221) }
```

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

```
.background{ background-color: rgb(235,  
240, 221) }
```

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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