

Converting Colors

CIELCh(94, 9.690, 117.367)

Have a look what the booklet for
CIELCh(94, 9.690, 117.367) contains.

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Color

CIELCh(94, 9.855, 117.873)

Conversions

Conversions Part 1

Format	Color
Hex	ECF0DD
RGB	236, 240, 221
RGB Percent	93%, 94%, 87%
CMY	0.0750, 0.0593, 0.1338
CMYK	0.02, 0.00, 0.08, 0.06
HSL	73°, 39%, 90%
HSV	73°, 8%, 94%
XYZ	78.7082, 85.2715, 80.6304
YIQ	236.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

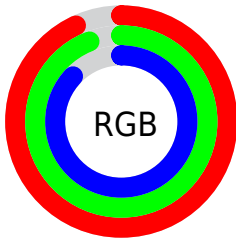
Format	Color
R _Y B	221, 240, 225
Decimal	15528157
CIE Lab	94.00, -4.61, 8.71
CIE LCh	94, 9.855, 117.873
Yxy	85.2715, 0.3218, 0.3486
Android (android.graphics.Color)	4293718237 (0xFFE0F0DD)
YUV	236.6380, -7.7095, -0.5595
Hunter-Lab	92.3426, -9.4550, 12.8698

Details

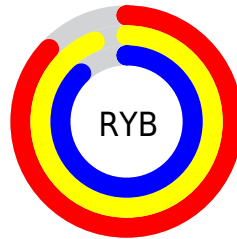
The CIELCh color **94, 9.855, 117.873** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 10.034, 298.955**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.826, 118.221** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.264, 117.199**, and if you desaturate by 10%, it is **95, 2.601, 298.535**.

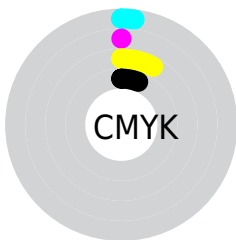
Distribution



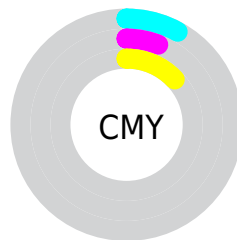
- Red (93%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (88%)



- 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, 9.855, 117.873 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, 9.855, 117.873 by changing the saturation by 10% instead.

94, 9.855, 117.873

94, 9.855, 117.873

100, 9.855,
117.873

84, 9.855, 117.873

74, 9.855, 117.873

64, 9.855, 117.873

54, 9.855, 117.873

44, 9.855, 117.873

34, 9.855, 117.873

24, 9.855, 117.873

14, 9.855, 117.873

4, 9.855, 117.873

94, 9.855, 117.873

94, 9.855, 117.873

93, 22.264,
117.199

95, 2.601, 298.535

92, 34.531,
116.515

96, 8.080, 305.921

92, 46.528,
115.851

96, 8.720, 317.153

91, 58.060,
115.240


96, 9.425, 324.737

90, 68.829,
114.731

90, 78.408,
114.396

89, 86.243,
114.324

89, 91.777,
114.612

 89, 94.809,
115.310

Harmonies

Complementary

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



94, 9.855, 117.873



89, 10.034, 298.955

Rectangle

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



94, 9.855, 117.873



94, 9.855, 167.873



94, 9.855, 297.873



94, 9.855, 347.873

Sweetspot

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



94, 9.857, 117.881



100, 2.608, 118.281



91, 5.865, 39.218



53, 1.482, 118.288



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

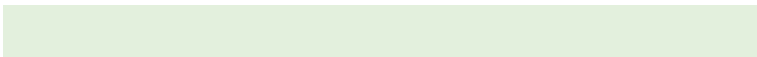
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.857, 117.881



99, 13.074, 117.738



93, 10.916, 135.413



50, 7.066, 117.775



70, 77.906, 115.285



22, 32.566, 114.611

Inverse Universe

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



89, 10.034, 298.955



92, 13.361, 299.114



90, 10.996, 316.047



46, 7.213, 299.072



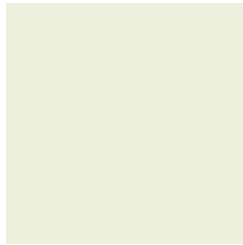
23, 102.837, 307.354



3, 38.429, 303.647

Previews

White Background



This preview shows how the CIELCh color 94, 9.855, 117.873 looks on a white background.

Color Contrast Check

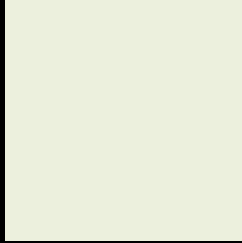
Large Text (above 18pt) WCAG AA × Fail

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, 9.855, 117.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

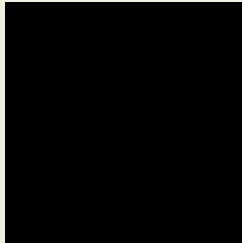
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

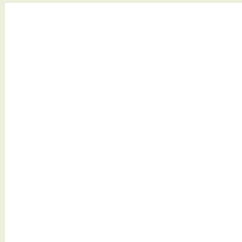
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.855, 117.873

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.855, 117.873.

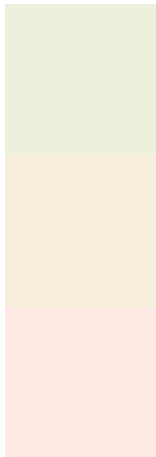


This preview shows how white text looks on a background with the CIELCh color 94, 9.855, 117.873.

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, 9.855, 117.873

Protanopia

94, 9.788, 89.721

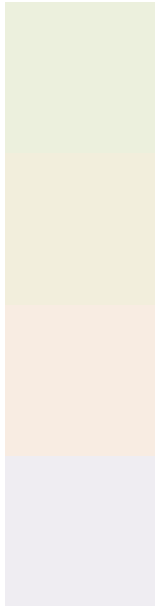
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 10.044, 302.818

Trichromacy



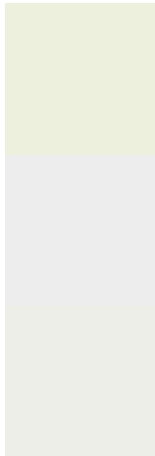
Original Color
94, 9.855, 117.873

Protanomaly
94, 9.332, 100.436

Deuteranomaly
94, 6.713, 69.245

Tritanomaly
94, 2.686, 305.566

Monochromacy



Original Color
94, 9.855, 117.873

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.608, 115.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.855, 117.873 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(236, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 240, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.855, 117.873 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(236, 240, 221) }
```

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

```
.border{ border-color:rgb(236, 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(236, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 240,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.855, 117.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 240, 221) }
```

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

```
.background{ background-color: rgb(236,  
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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