

Converting Colors

CIE LCh(94, 3.911, 132.139)

Have a look what the booklet for
CIELCh(94, 3.911, 132.139) contains.

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Color

CIELCh(94, 3.874, 131.444)

Conversions

Conversions Part 1

Format	Color
Hex	EBEFE8
RGB	235, 239, 232
RGB Percent	92%, 94%, 91%
CMY	0.0782, 0.0625, 0.0899
CMYK	0.02, 0.00, 0.03, 0.06
HSL	94°, 18%, 92%
HSV	94°, 3%, 94%
XYZ	79.7402, 85.2715, 88.6462
YIQ	237.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

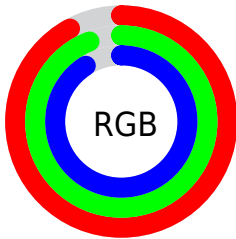
Format	Color
R _Y B	232, 239, 236
Decimal	15462376
CIE Lab	94.00, -2.56, 2.90
CIE LCh	94, 3.874, 131.444
Yxy	85.2715, 0.3144, 0.3362
Android (android.graphics.Color)	4293652456 (0xFFEBEF8)
YUV	237.0060, -2.4680, -1.7593
Hunter-Lab	92.3426, -7.4602, 7.7231

Details

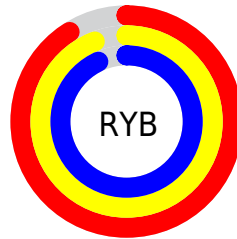
The CIELCh color `94, 3.874, 131.444` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 3.909, 311.614`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 4.077, 131.400` is the 20% darker color. If you saturate the color by 10%, you get `92, 17.194, 130.981`, and if you desaturate by 10%, it is `96, 8.887, 312.941`.

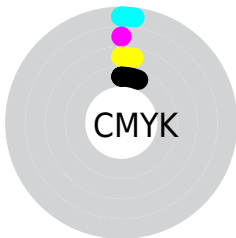
Distribution



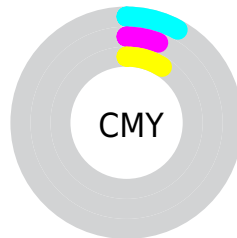
- Red (92%)
- Green (94%)
- Blue (91%)



- Red (91%)
- Yellow (94%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.874, 131.444 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, 3.874, 131.444 by changing the saturation by 10% instead.

■ 94, 3.874, 131.444

■ 94, 3.874, 131.444

■ 100, 3.874,
131.444

■ 84, 3.874, 131.444

■ 74, 3.874, 131.444

■ 64, 3.874, 131.444

■ 54, 3.874, 131.444

■ 44, 3.874, 131.444

■ 34, 3.874, 131.444

■ 24, 3.874, 131.444

■ 14, 3.874, 131.444

■ 4, 3.874, 131.444

94, 3.874, 131.444

94, 3.874, 131.444

92, 17.194,
130.981

96, 8.887, 312.941

91, 30.515,
130.505

96, 9.934, 324.756

90, 43.714,
130.012

89, 56.613,
129.525

88, 68.955,
129.090

87, 80.375,
128.777

86, 90.379,
128.692

85, 98.386,
128.968

■ 85,103.928,
129.714

Harmonies

Complementary

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



94, 3.874, 131.444



92, 3.909, 311.614

Rectangle

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



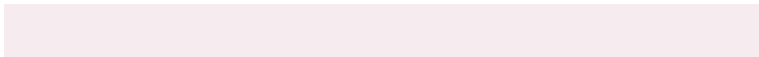
94, 3.874, 131.444



94, 3.874, 181.444



94, 3.874, 311.444



94, 3.874, 1.444

Sweetspot

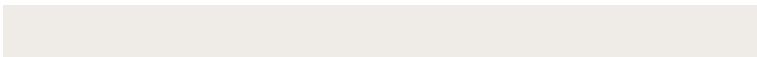
The Sweet Spot groups the original color and five complimentary colors.



94, 3.876, 131.453



100, 1.386, 131.614



94, 2.292, 81.752



53, 0.787, 131.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

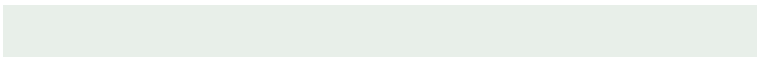
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.876, 131.453



99, 5.583, 131.396



94, 4.198, 146.191



50, 3.774, 131.361



66, 87.152, 130.210



20, 35.886, 129.315

Inverse Universe

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



92, 3.909, 311.614



97, 5.629, 311.671



93, 4.217, 326.377



48, 3.805, 311.706



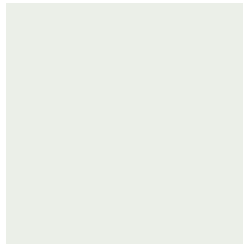
31, 96.005, 313.656



5, 39.879, 314.367

Previews

White Background



This preview shows how the CIE LCh color 94, 3.874, 131.444 looks on a white background.

Color Contrast Check

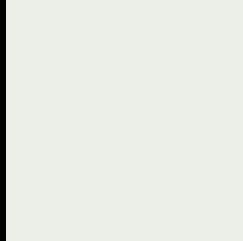
Large Text (above 18pt) WCAG AA × Fail

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, 3.874, 131.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

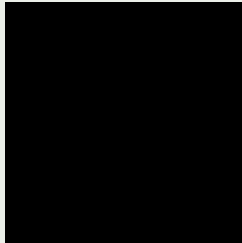
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

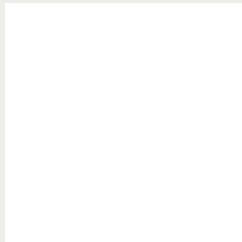
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.874, 131.444

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.874, 131.444.

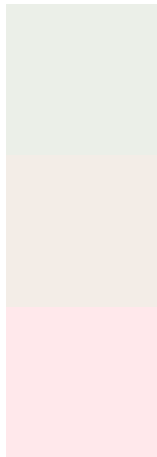


This preview shows how white text looks on a background with the CIELCh color 94, 3.874, 131.444.

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, 3.874, 131.444

Protanopia

94, 3.737, 74.704

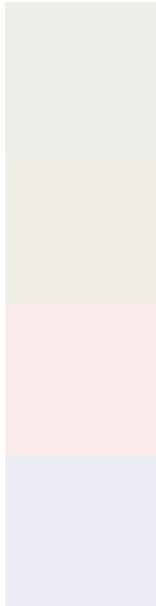
Deuteranopia

94, 8.429, 9.416



Tritanopia
94, 9.316, 295.137

Trichromacy



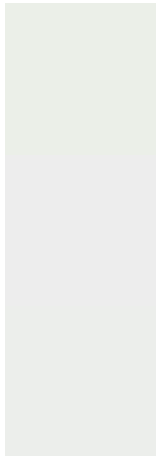
Original Color
94, 3.874, 131.444

Protanomaly
94, 3.649, 98.552

Deuteranomaly
94, 4.687, 25.864

Tritanomaly
94, 4.642, 290.556

Monochromacy



Original Color
94, 3.874, 131.444

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.696, 134.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.874, 131.444 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, 239, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 239, 232)  
}
```

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, 239, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 239, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.874, 131.444 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, 239, 232) }
```

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

```
.border{ border-color:rgb(235, 239, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 239, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 239, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 239, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 239,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.874, 131.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 239, 232) }
```

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

```
.background{ background-color: rgb(235,  
239, 232) }
```

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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