

Converting Colors

CIELCh(94, 3.775, 122.081)

Have a look what the booklet for
CIELCh(94, 3.775, 122.081) contains.

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Color

CIELCh(94, 3.753, 126.427)

Conversions

Conversions Part 1

Format	Color
Hex	ECEFE8
RGB	236, 239, 232
RGB Percent	93%, 94%, 91%
CMY	0.0751, 0.0633, 0.0908
CMYK	0.01, 0.00, 0.03, 0.06
HSL	86°, 18%, 92%
HSV	86°, 3%, 94%
XYZ	79.9106, 85.2715, 88.4815
YIQ	237.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

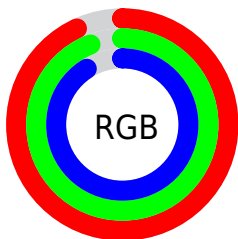
Format	Color
R _Y B	232, 239, 235
Decimal	15527912
CIE Lab	94.00, -2.23, 3.02
CIE LCh	94, 3.753, 126.427
Yxy	85.2715, 0.3150, 0.3362
Android (android.graphics.Color)	4293717992 (0xFFECEFE8)
YUV	237.3050, -2.6154, -1.1445
Hunter-Lab	92.3426, -7.1308, 7.8289

Details

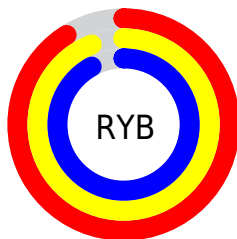
The CIELCh color `94, 3.753, 126.427` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 3.793, 306.658`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 3.949, 126.381` is the 20% darker color. If you saturate the color by 10%, you get `93, 16.618, 125.933`, and if you desaturate by 10%, it is `95, 8.702, 307.537`.

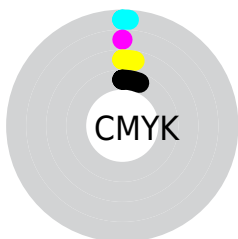
Distribution



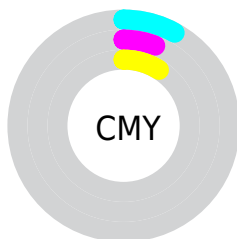
- Red (93%)
- Green (94%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.753, 126.427 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, 3.753, 126.427 by changing the saturation by 10% instead.

94, 3.753, 126.427

94, 3.753, 126.427

100, 3.753,
126.427

84, 3.753, 126.427

74, 3.753, 126.427

64, 3.753, 126.427

54, 3.753, 126.427

44, 3.753, 126.427

34, 3.753, 126.427

24, 3.753, 126.427

14, 3.753, 126.427

4, 3.753, 126.427

94, 3.753, 126.427

94, 3.753, 126.427

93, 16.618,
125.933

95, 8.702, 307.537

92, 29.443,
125.426

96, 10.066,
324.761

90, 42.116,
124.917

89, 54.473,
124.434

88, 66.272,
124.023

88, 77.161,
123.757

87, 86.656,
123.736

86, 94.189,
124.089

■ 86, 99.308,
124.925

Harmonies

Complementary

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



94, 3.753, 126.427



92, 3.793, 306.658

Rectangle

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



94, 3.753, 126.427



94, 3.753, 176.427



94, 3.753, 306.427



94, 3.753, 356.427

Sweetspot

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



94, 3.755, 126.440



100, 1.343, 126.586



93, 2.077, 65.350



53, 0.763, 126.593



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

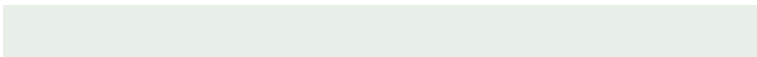
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.755, 126.440



99, 5.408, 126.381



94, 4.278, 142.097



50, 3.655, 126.343



67, 83.262, 125.489



21, 34.400, 124.401

Inverse Universe

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



92, 3.793, 306.658



97, 5.462, 306.718



93, 4.300, 322.263



48, 3.693, 306.757



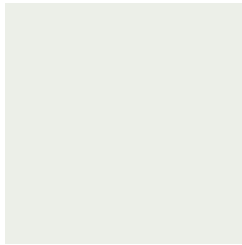
27, 98.977, 310.409



4, 39.341, 309.826

Previews

White Background



This preview shows how the CIE LCh color 94, 3.753, 126.427 looks on a white background.

Color Contrast Check

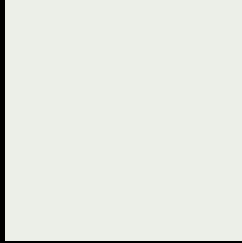
Large Text (above 18pt) WCAG AA × Fail

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, 3.753, 126.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

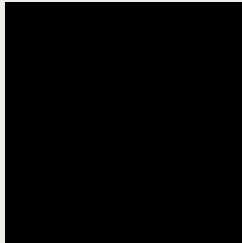
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

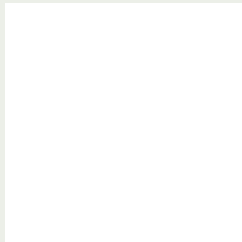
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.753, 126.427

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.753, 126.427.

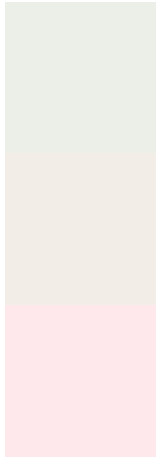


This preview shows how white text looks on a background with the CIELCh color 94, 3.753, 126.427.

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, 3.753, 126.427

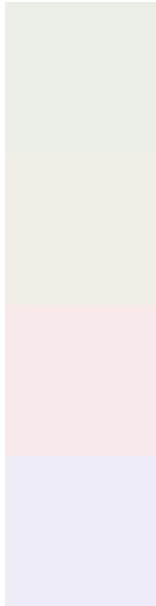
Protanopia
94, 3.737, 74.704

Deuteranopia
94, 8.429, 9.416



Tritanopia
94, 9.917, 298.917

Trichromacy



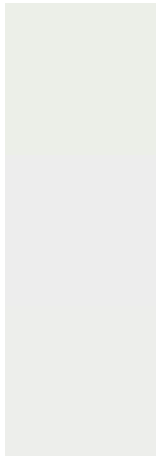
Original Color
94, 3.753, 126.427

Protanomaly
94, 3.649, 98.552

Deuteranomaly
94, 5.023, 19.625

Tritanomaly
94, 5.217, 298.272

Monochromacy



Original Color
94, 3.753, 126.427

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.576, 123.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.753, 126.427 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, 239, 232)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 239, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 239, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.753, 126.427 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, 239, 232) }
```

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

```
.border{ border-color:rgb(236, 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(236, 239, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 239, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 239, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 239,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.753, 126.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 239, 232) }
```

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

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