

Converting Colors

CIELCh(94, 8.386, 124.581)

Have a look what the booklet for
CIELCh(94, 8.386, 124.581) contains.

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Color

CIELCh(94, 8.503, 124.260)

Conversions

Conversions Part 1

Format	Color
Hex	EAF0E0
RGB	234, 240, 224
RGB Percent	92%, 94%, 88%
CMY	0.0820, 0.0584, 0.1212
CMYK	0.03, 0.00, 0.07, 0.06
HSL	83°, 35%, 91%
HSV	83°, 7%, 94%
XYZ	78.6180, 85.2715, 82.9027
YIQ	236.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

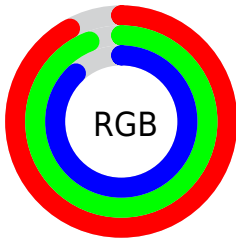
Format	Color
R_{YB}	224, 240, 230
Decimal	15397088
CIE Lab	94.00, -4.79, 7.03
CIE LCh	94, 8.503, 124.260
Yxy	85.2715, 0.3186, 0.3455
Android (android.graphics.Color)	4293587168 (0xFFEAF0E0)
YUV	236.3820, -6.1043, -2.0890
Hunter-Lab	92.3426, -9.6294, 11.4108

Details

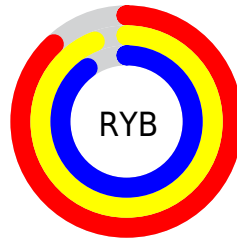
The CIELCh color **94, 8.503, 124.260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 8.618, 304.931**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.420, 125.116** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.272, 123.735**, and if you desaturate by 10%, it is **95, 4.264, 304.738**.

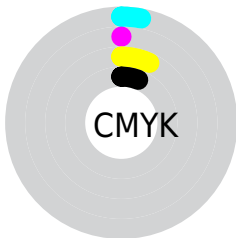
Distribution



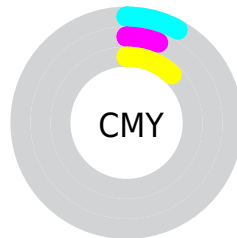
- Red (92%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (94%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.503, 124.260 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, 8.503, 124.260 by changing the saturation by 10% instead.

 94, 8.503, 124.260

 94, 8.503, 124.260

 100, 8.503,
124.260

 84, 8.503, 124.260

 74, 8.503, 124.260

 64, 8.503, 124.260

 54, 8.503, 124.260

 44, 8.503, 124.260

 34, 8.503, 124.260

 24, 8.503, 124.260

 14, 8.503, 124.260

 4, 8.503, 124.260

94, 8.503, 124.260

94, 8.503, 124.260

93, 21.272,
123.735

95, 4.264, 304.738

92, 33.949,
123.196

96, 8.758, 319.227

96, 9.287, 324.731

91, 46.407,
122.669

90, 58.458,
122.186

89, 69.824,
121.803

88, 80.101,
121.600

88, 88.760,
121.686

87, 95.239,
122.186

■ 87, 99.231,
123.182

Harmonies

Complementary

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



94, 8.503, 124.260



90, 8.618, 304.931

Rectangle

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



94, 8.503, 124.260



94, 8.503, 174.260



94, 8.503, 304.260



94, 8.503, 354.260

Sweetspot

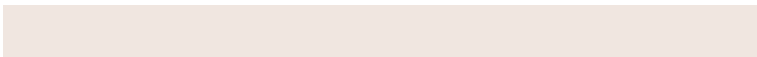
The Sweet Spot groups the original color and five complimentary colors.



94, 8.505, 124.267



100, 2.670, 124.528



92, 4.740, 59.100



53, 1.518, 124.535



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

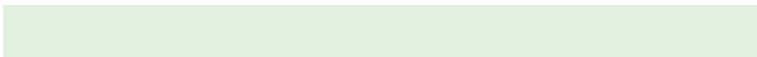
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.505, 124.267



99, 10.720, 124.195



93, 9.654, 140.467



50, 7.243, 124.118



68, 81.792, 123.300



21, 33.875, 122.232

Inverse Universe

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



90, 8.618, 304.931



94, 10.883, 305.007



91, 9.692, 321.053



46, 7.368, 305.089



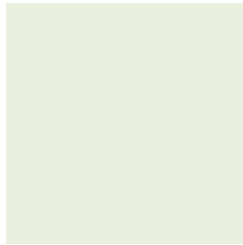
26, 100.061, 309.443



4, 39.107, 308.180

Previews

White Background



This preview shows how the CIELCh color 94, 8.503, 124.260 looks on a white background.

Color Contrast Check

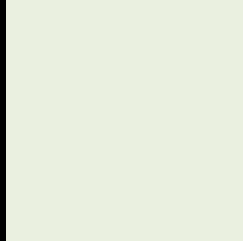
Large Text (above 18pt) WCAG AA × Fail

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, 8.503, 124.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

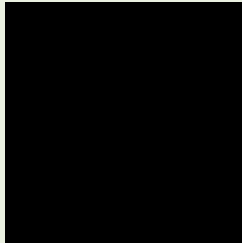
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

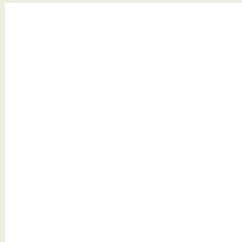
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.503, 124.260

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.503, 124.260.

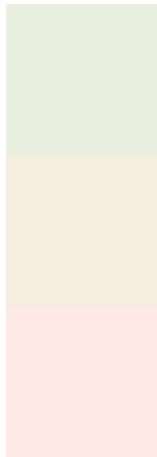


This preview shows how white text looks on a background with the CIELCh color 94, 8.503, 124.260.

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, 8.503, 124.260

Protanopia

94, 8.211, 88.734

Deuteranopia

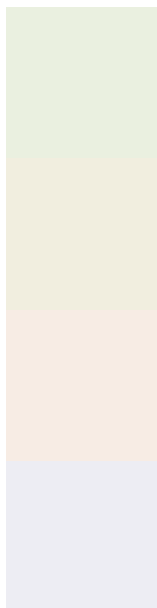
94, 8.032, 27.185



Tritanopia

94, 9.352, 297.239

Trichromacy



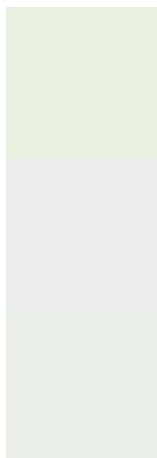
Original Color
94, 8.503, 124.260

Protanomaly
94, 7.758, 101.489

Deuteranomaly
94, 5.698, 65.503

Tritanomaly
94, 3.098, 290.443

Monochromacy



Original Color
94, 8.503, 124.260

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.667, 125.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.503, 124.260 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(234, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(234, 240, 224)  
}
```

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(234, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 240, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.503, 124.260 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(234, 240, 224) }
```

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

```
.border{ border-color:rgb(234, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(234, 240,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.503, 124.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 240, 224) }
```

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

```
.background{ background-color: rgb(234,  
240, 224) }
```

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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