

Converting Colors

CIELCh(95, 9.259, 132.709)

Have a look what the booklet for
CIELCh(95, 9.259, 132.709) contains.

CIELCh(95, 9.440, 131.815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 9.440, 131.815)

Conversions

Conversions Part 1

Format	Color
Hex	EAF4E3
RGB	234, 244, 227
RGB Percent	92%, 96%, 89%
CMY	0.0829, 0.0437, 0.1104
CMYK	0.04, 0.00, 0.07, 0.04
HSL	95°, 43%, 92%
HSV	95°, 7%, 96%
XYZ	80.0351, 87.6183, 85.2618
YIQ	239.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

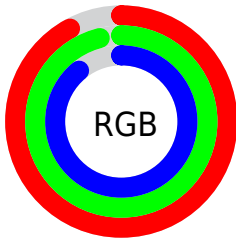
Format	Color
R_{YB}	227, 244, 237
Decimal	15398115
CIE _{Lab}	95.00, -6.29, 7.04
CIE _{LCh}	95, 9.440, 131.815
Yxy	87.6183, 0.3165, 0.3464
Android (android.graphics.Color)	4293588195 (0xFFEAF4E3)
YUV	239.0720, -5.9515, -4.4481
Hunter-Lab	93.6047, -11.1847, 11.5177

Details

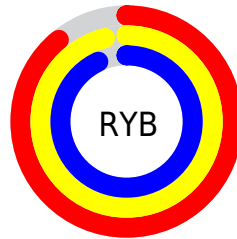
The CIELCh color **95, 9.440, 131.815** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 9.530, 312.370**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.427, 132.974** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.051, 131.355**, and if you desaturate by 10%, it is **97, 4.100, 312.174**.

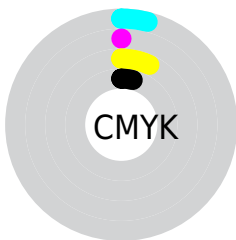
Distribution



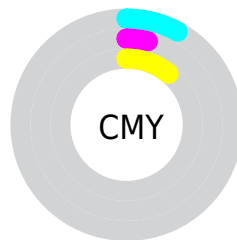
- Red (92%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.440, 131.815 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 95, 9.440, 131.815 by changing the saturation by 10% instead.

 95, 9.440, 131.815

 95, 9.440, 131.815

 100, 9.440,
131.815

 85, 9.440, 131.815

 75, 9.440, 131.815

 65, 9.440, 131.815

 55, 9.440, 131.815

 45, 9.440, 131.815

 35, 9.440, 131.815

 25, 9.440, 131.815

 15, 9.440, 131.815

 5, 9.440, 131.815

95, 9.440, 131.815

95, 9.440, 131.815

93, 23.051,
131.355

97, 4.100, 312.174

97, 6.940, 324.639

92, 36.622,
130.867

91, 50.004,
130.368

90, 62.985,
129.888

89, 75.258,
129.480

88, 86.397,
129.231

87, 95.847,
129.259

86, 103.026,
129.697

■ 86,107.615,
130.619

Harmonies

Complementary

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



95, 9.440, 131.815



91, 9.530, 312.370

Rectangle

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



95, 9.440, 131.815



95, 9.440, 181.815



95, 9.440, 311.815



95, 9.440, 1.815

Sweetspot

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



95, 9.442, 131.819



100, 2.795, 132.075



94, 5.677, 82.926



53, 1.589, 132.083



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

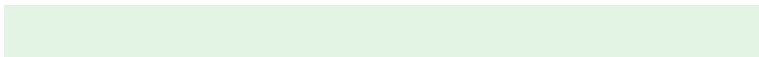
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.442, 131.819



99, 11.240, 131.771



95, 10.079, 146.387



50, 7.729, 131.703



67, 88.497, 130.675



21, 37.450, 129.587

Inverse Universe

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



91, 9.530, 312.370



94, 11.353, 312.417



92, 10.102, 327.141



48, 7.817, 312.484



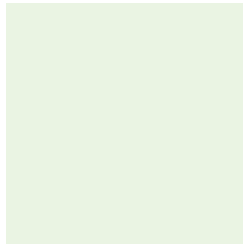
31, 96.662, 314.087



6, 41.638, 315.123

Previews

White Background



This preview shows how the CIE LCh color 95, 9.440, 131.815 looks on a white background.

Color Contrast Check

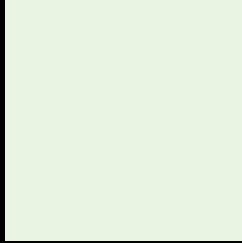
Large Text (above 18pt) WCAG AA × Fail

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 95, 9.440, 131.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

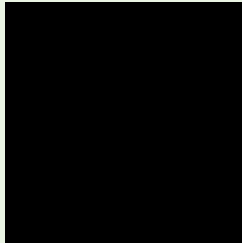
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

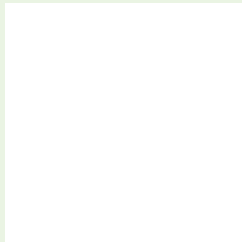
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.440, 131.815

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.440, 131.815.

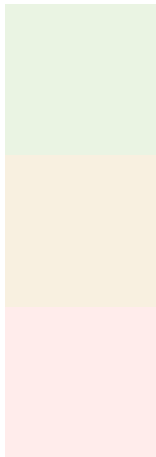


This preview shows how white text looks on a background with the CIELCh color 95, 9.440, 131.815.

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

95, 9.440, 131.815

Protanopia

95, 8.674, 89.882

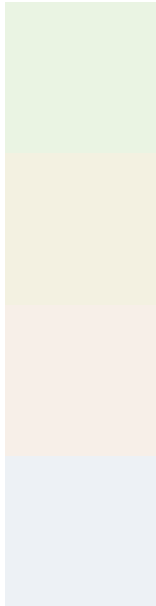
Deuteranopia

95, 6.856, 24.049



Tritanopia
95, 8.231, 290.823

Trichromacy



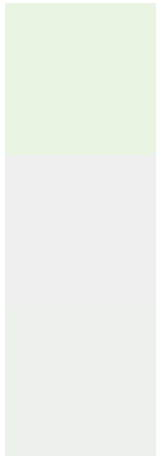
Original Color
95, 9.440, 131.815

Protanomaly
95, 8.211, 104.463

Deuteranomaly
95, 4.575, 70.910

Tritanomaly
95, 2.472, 255.997

Monochromacy



Original Color
95, 9.440, 131.815

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.396, 134.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.440, 131.815 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, 244, 227)` looks like.

```
.text, #text, p{  
    color:rgb(234, 244, 227)  
}
```

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, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 244, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.440, 131.815 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, 244, 227) }
```

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

```
.border{ border-color:rgb(234, 244, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 244, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 244,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.440, 131.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 244, 227) }
```

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

```
.background{ background-color: rgb(234,  
244, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor