

Converting Colors

CIELCh(95, 16.873, 133.378)

Have a look what the booklet for
CIELCh(95, 16.873, 133.378)
contains.

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Color

CIELCh(95, 17.010, 134.154)

Conversions

Conversions Part 1

Format	Color
Hex	E3F7D9
RGB	227, 247, 217
RGB Percent	89%, 97%, 85%
CMY	0.1109, 0.0325, 0.1501
CMYK	0.08, 0.00, 0.12, 0.03
HSL	100°, 64%, 91%
HSV	100°, 12%, 97%
XYZ	77.2433, 87.6183, 78.2895
YIQ	237.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

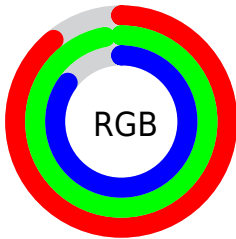
Format	Color
RYB	217, 247, 237
Decimal	14940121
CIELab	95.00, -11.85, 12.20
CIELCh	95, 17.010, 134.154
Yxy	87.6183, 0.3177, 0.3603
Android (android.graphics.Color)	4293130201 (0xFFE3F7D9)
YUV	237.6000, -10.1558, -9.2962
Hunter-Lab	93.6047, -16.5086, 15.9340

Details

The CIELCh color **95, 17.010, 134.154** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 17.200, 315.173**, 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, 17.216, 133.651** is the 20% darker color. If you saturate the color by 10%, you get **93, 31.065, 133.665**, and if you desaturate by 10%, it is **97, 2.999, 134.650**.

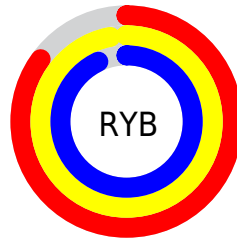
Distribution



Red (89%)

Green (97%)

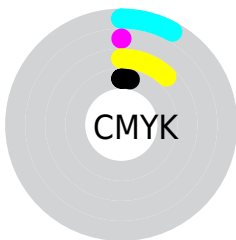
Blue (85%)



Red (85%)

Yellow (97%)

Blue (93%)

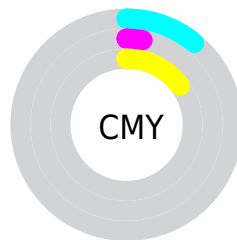


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (3%)



Cyan (11%)


Magenta (3%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 17.010, 134.154 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, 17.010, 134.154 by changing the saturation by 10% instead.


 95, 17.010,
134.154


 95, 17.010,
134.154


 100, 17.010,
134.154


 85, 17.010,
134.154


 75, 17.010,
134.154

 65, 17.010,
134.154

 55, 17.010,
134.154

 45, 17.010,
134.154

 35, 17.010,
134.154

 25, 17.010,

134.154

■ 15, 17.010,
134.154

■ 5, 17.010, 134.154

■ 95, 17.010,
134.154

■ 95, 17.010,
134.154

■ 93, 31.065,
133.665

■ 97, 2.999, 134.650

■ 92, 45.018,
133.141

■ 98, 5.162, 324.562

■ 91, 58.673,
132.603

■ 89, 71.755,
132.089

■ 89, 83.877,
131.666

■ 88, 94.522,
131.437

■ 87, 103.076,
131.534

■ 86, 109.021,
132.070

■ 86, 111.978,
132.747

Harmonies

Complementary

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



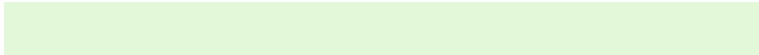
95, 17.010, 134.154



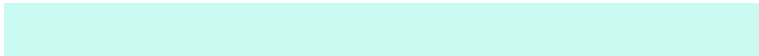
89, 17.200, 315.173

Rectangle

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



95, 17.010, 134.154



95, 17.010, 184.154



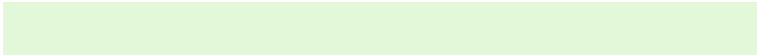
95, 17.010, 314.154



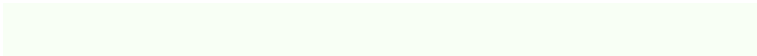
95, 17.010, 4.154

Sweetspot

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



95, 17.012, 134.156



99, 5.723, 134.542



94, 10.883, 89.572



53, 4.070, 134.504



0, 0.000, 0.000



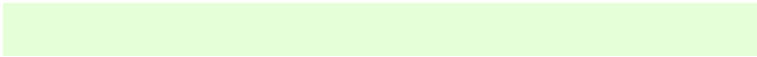
53, 0.007, 296.813

Same Dimension

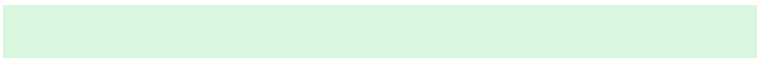
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 17.012, 134.156



97, 21.577, 134.019



94, 16.785, 148.615



50, 7.893, 134.282



67, 90.380, 132.511



21, 38.267, 131.660

Inverse Universe

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



89, 17.200, 315.173



90, 21.862, 315.300



90, 16.830, 330.115



48, 7.966, 315.054



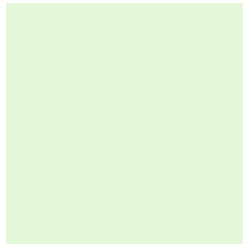
34, 95.130, 316.330



7, 41.628, 317.539

Previews

White Background



This preview shows how the CIE LCh color 95, 17.010, 134.154 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, 17.010, 134.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

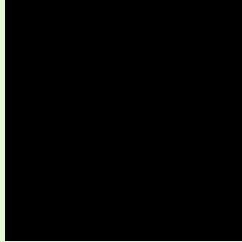
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

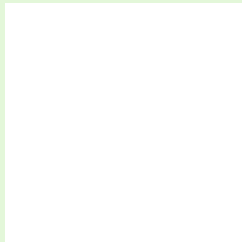
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 17.010, 134.154

Background



This preview shows how black text looks on a background with the CIELCh color 95, 17.010, 134.154.

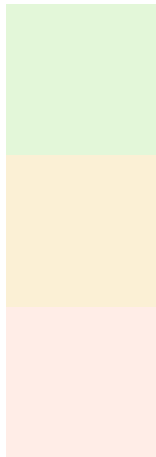


This preview shows how white text looks on a background with the CIELCh color 95, 17.010, 134.154.

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](#).

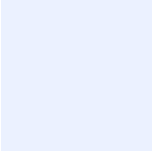
Dichromacy



Original Color
95, 17.010, 134.154

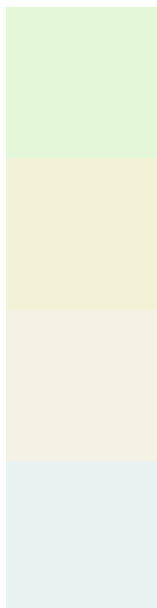
Protanopia
95, 14.389, 92.589

Deuteranopia
95, 7.197, 44.927



Tritanopia
95, 7.445, 274.736

Trichromacy



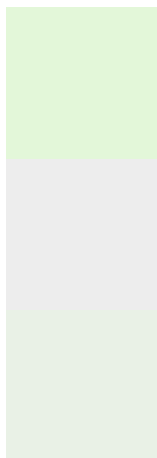
Original Color
95, 17.010, 134.154

Protanomaly
95, 14.308, 109.053

Deuteranomaly
95, 7.796, 98.850

Tritanomaly
95, 3.994, 184.400

Monochromacy



Original Color
95, 17.010, 134.154

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.347, 136.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 17.010, 134.154 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(227, 247, 217)` looks like.

```
.text, #text, p{  
    color:rgb(227, 247, 217)  
}
```

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(227, 247, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 247, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 17.010, 134.154 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(227, 247, 217) }
```

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

```
.border{ border-color:rgb(227, 247, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 247, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 247, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 247, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 247,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 17.010, 134.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 247, 217) }
```

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

```
.background{ background-color: rgb(227,  
247, 217) }
```

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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