

Converting Colors

CIELCh(95, 13.471, 137.880)

Have a look what the booklet for
CIELCh(95, 13.471, 137.880)
contains.

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Color

CIELCh(95, 13.482, 137.878)

Conversions

Conversions Part 1

Format	Color
Hex	E4F6DF
RGB	228, 246, 223
RGB Percent	89%, 96%, 87%
CMY	0.1064, 0.0358, 0.1260
CMYK	0.07, 0.00, 0.09, 0.04
HSL	107°, 56%, 92%
HSV	107°, 9%, 96%
XYZ	78.1653, 87.6183, 82.5074
YIQ	237.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

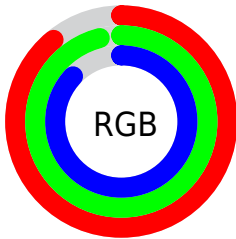
Format	Color
R _Y B	223, 246, 241
Decimal	15005407
CIE Lab	95.00, -10.00, 9.04
CIE LCh	95, 13.482, 137.878
Yxy	87.6183, 0.3148, 0.3529
Android (android.graphics.Color)	4293195487 (0xFFE4F6DF)
YUV	237.9960, -7.3930, -8.7665
Hunter-Lab	93.6047, -14.7504, 13.2624

Details

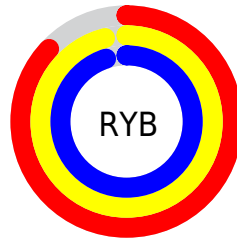
The CIELCh color **95, 13.482, 137.878** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 13.565, 318.684**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.511, 137.478** is the 20% darker color. If you saturate the color by 10%, you get **93, 28.006, 137.350**, and if you desaturate by 10%, it is **97, 0.935, 318.064**.

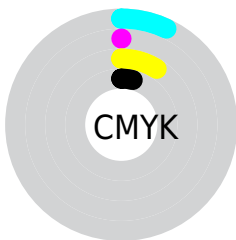
Distribution



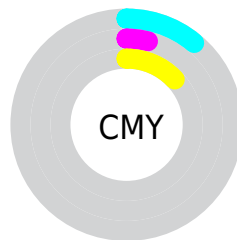
- Red (89%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (11%)
- Magenta (4%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.482, 137.878 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, 13.482, 137.878 by changing the saturation by 10% instead.


 95, 13.482,
137.878


 95, 13.482,
137.878


 100, 13.482,
137.878


 85, 13.482,
137.878

 75, 13.482,
137.878

 65, 13.482,
137.878

 55, 13.482,
137.878

 45, 13.482,
137.878

 35, 13.482,
137.878

 25, 13.482,

137.878

■ 15, 13.482,
137.878

■ 5, 13.482, 137.878

■ 95, 13.482,
137.878

■ 95, 13.482,
137.878

■ 93, 28.006,
137.350

■ 97, 0.935, 318.064

■ 92, 42.482,
136.763

■ 98, 5.687, 324.585

■ 90, 56.702,
136.126

■ 89, 70.383,
135.464

■ 88, 83.137,
134.831

■ 87, 94.451,
134.313

■ 86, 103.703,
134.036

■ 86, 110.301,
134.126

■ 85, 114.136,
134.586

Harmonies

Complementary

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



95, 13.482, 137.878



91, 13.565, 318.684

Rectangle

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



95, 13.482, 137.878



95, 13.482, 187.878



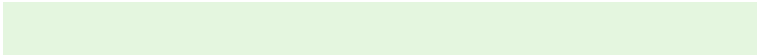
95, 13.482, 317.878



95, 13.482, 7.878

Sweetspot

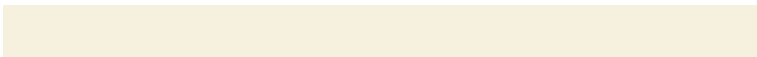
The Sweet Spot groups the original color and five complimentary colors.



95, 13.484, 137.880



99, 4.430, 138.214



95, 9.218, 97.209



53, 3.362, 138.166



0, 0.000, 0.000



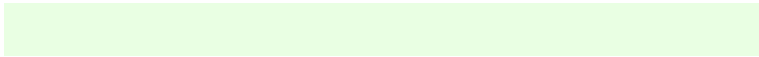
53, 0.007, 296.813

Same Dimension

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



95, 13.484, 137.880



98, 16.346, 137.795



95, 11.955, 152.359



50, 8.163, 137.873



66, 92.580, 134.443



21, 39.345, 134.070

Inverse Universe

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



91, 13.565, 318.684



93, 16.454, 318.760



91, 12.007, 333.564



48, 8.213, 318.690



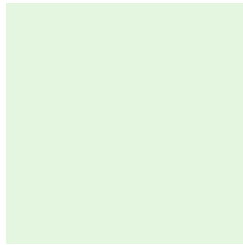
37, 93.210, 320.097



8, 41.267, 321.103

Previews

White Background



This preview shows how the CIE LCh color 95, 13.482, 137.878 looks on a white background.

Color Contrast Check

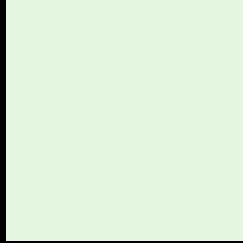
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 13.482, 137.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

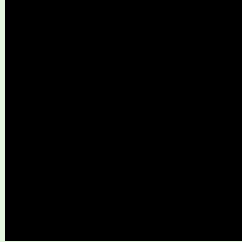
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

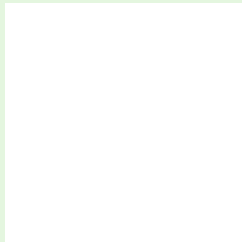
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.482, 137.878

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.482, 137.878.

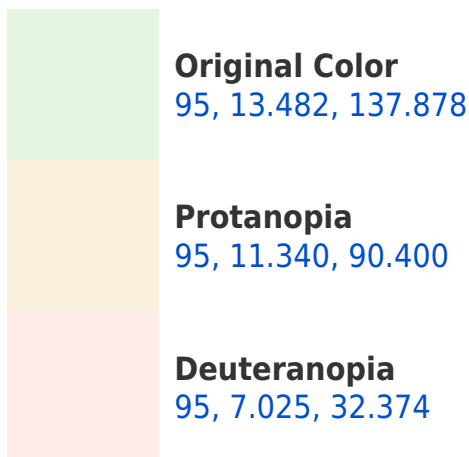


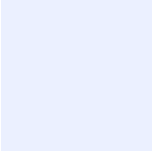
This preview shows how white text looks on a background with the CIELCh color 95, 13.482, 137.878.

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](#).

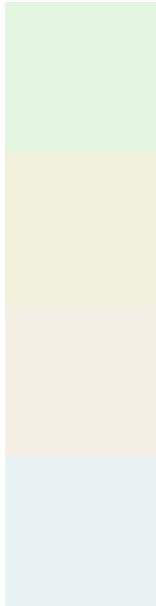
Dichromacy





Tritanopia
95, 7.870, 278.230

Trichromacy



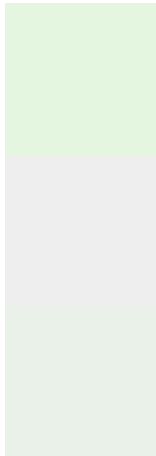
Original Color
95, 13.482, 137.878

Protanomaly
95, 11.246, 109.293

Deuteranomaly
95, 5.896, 91.907

Tritanomaly
95, 3.514, 207.775

Monochromacy



Original Color
95, 13.482, 137.878

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.266, 138.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.482, 137.878 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(228, 246, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 246, 223)  
}
```

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(228, 246, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 246, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.482, 137.878 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(228, 246, 223) }
```

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

```
.border{ border-color:rgb(228, 246, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 246, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 246, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 246, 223);  
box-shadow:4px 4px 4px 4px rgb(228, 246,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.482, 137.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 246, 223) }
```

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

```
.background{ background-color: rgb(228,  
246, 223) }
```

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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