

Converting Colors

CIELCh(94, 13.069, 137.469)

Have a look what the booklet for
CIELCh(94, 13.069, 137.469)
contains.

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Color

CIELCh(94, 13.341, 136.556)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3DC
RGB	226, 243, 220
RGB Percent	89%, 95%, 86%
CMY	0.1145, 0.0478, 0.1380
CMYK	0.07, 0.00, 0.09, 0.05
HSL	104°, 49%, 91%
HSV	104°, 9%, 95%
XYZ	76.1816, 85.2715, 80.0141
YIQ	235.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

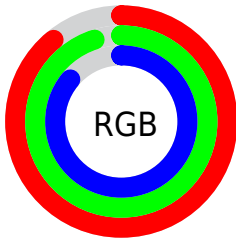
Format	Color
R _Y B	220, 243, 237
Decimal	14873564
CIE Lab	94.00, -9.69, 9.17
CIE LCh	94, 13.341, 136.556
Yxy	85.2715, 0.3155, 0.3531
Android (android.graphics.Color)	4293063644 (0xFFE2F3DC)
YUV	235.2950, -7.5404, -8.1517
Hunter-Lab	92.3426, -14.3390, 13.2655

Details

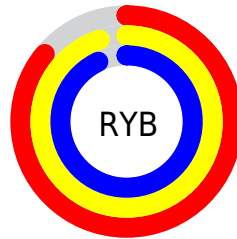
The CIELCh color **94, 13.341, 136.556** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 13.439, 317.349**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.370, 136.088** is the 20% darker color. If you saturate the color by 10%, you get **92, 27.525, 136.050**, and if you desaturate by 10%, it is **96, 0.749, 316.687**.

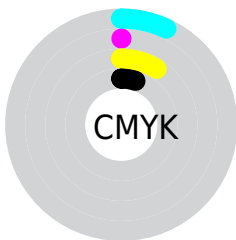
Distribution



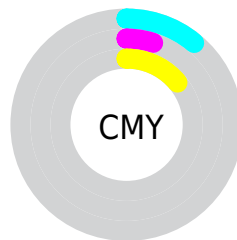
- Red (89%)
- Green (95%)
- Blue (86%)



- Red (86%)
- Yellow (95%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)





- Cyan (11%)
- Magenta (5%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 13.341, 136.556 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, 13.341, 136.556 by changing the saturation by 10% instead.


 94, 13.341,
136.556


 94, 13.341,
136.556


 100, 13.341,
136.556


 84, 13.341,
136.556

 74, 13.341,
136.556

 64, 13.341,
136.556

 54, 13.341,
136.556

 44, 13.341,
136.556

 34, 13.341,
136.556

 24, 13.341,

136.556

■ 14, 13.341,
136.556

■ 4, 13.341, 136.556

■ 94, 13.341,
136.556

■ 94, 13.341,
136.556

■ 92, 27.525,
136.050

■ 96, 0.749, 316.687

■ 91, 41.657,
135.495

■ 97, 7.600, 324.665

■ 89, 55.546,
134.901

■ 88, 68.924,
134.298

■ 87, 81.421,
133.740

■ 86, 92.544,
133.317

■ 85, 101.687,
133.153

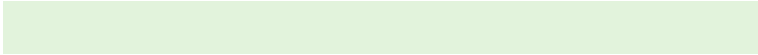
■ 85, 108.271,
133.376

■ 85, 112.207,
133.981

Harmonies

Complementary

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



94, 13.341, 136.556



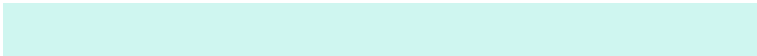
90, 13.439, 317.349

Rectangle

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



94, 13.341, 136.556



94, 13.341, 186.556



94, 13.341, 316.556



94, 13.341, 6.556

Sweetspot

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



94, 13.343, 136.558



99, 4.375, 136.886



94, 8.926, 94.934



53, 3.320, 136.840



0, 0.000, 0.000



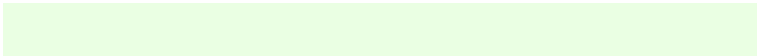
53, 0.007, 296.813

Same Dimension

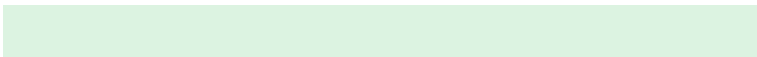
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 13.343, 136.558



98, 16.135, 136.482



94, 12.281, 151.114



50, 8.059, 136.557



66, 91.847, 133.823



21, 38.964, 133.255

Inverse Universe

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



90, 13.439, 317.349



93, 16.262, 317.419



90, 12.326, 332.302



48, 8.116, 317.350



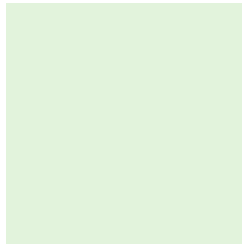
36, 93.872, 318.627



8, 41.458, 319.768

Previews

White Background



This preview shows how the CIELCh color 94, 13.341, 136.556 looks on a white background.

Color Contrast Check

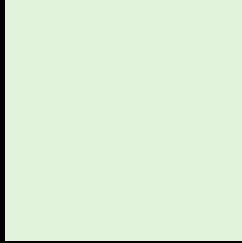
Large Text (above 18pt) WCAG AA × Fail

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 94, 13.341, 136.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

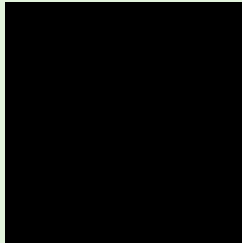
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

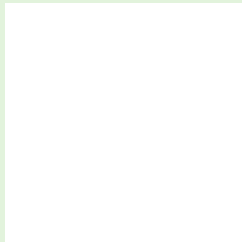
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.341, 136.556

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.341, 136.556.

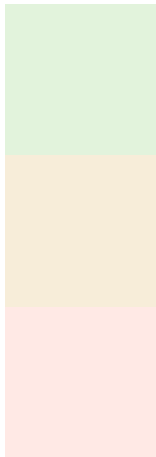


This preview shows how white text looks on a background with the CIELCh color 94, 13.341, 136.556.

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, 13.341, 136.556

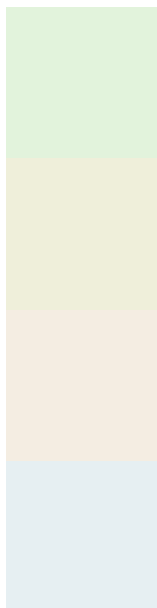
Protanopia
94, 10.882, 89.574

Deuteranopia
94, 8.250, 34.222



Tritanopia
94, 9.400, 280.460

Trichromacy



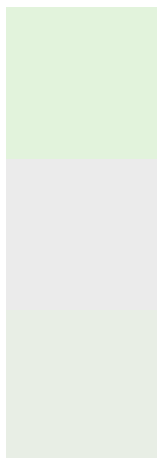
Original Color
94, 13.341, 136.556

Protanomaly
94, 10.760, 109.323

Deuteranomaly
94, 6.167, 85.436

Tritanomaly
94, 3.473, 225.834

Monochromacy



Original Color
94, 13.341, 136.556

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.114, 134.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.341, 136.556 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(226, 243, 220)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 220)  
}
```

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(226, 243, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.341, 136.556 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(226, 243, 220) }
```

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

```
.border{ border-color:rgb(226, 243, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.341, 136.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 220) }
```

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

```
.background{ background-color: rgb(226,  
243, 220) }
```

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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