

Converting Colors

CIELCh(94, 12.581, 169.836)

Have a look what the booklet for
CIELCh(94, 12.581, 169.836)
contains.

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Color

CIELCh(94, 12.827, 169.810)

Conversions

Conversions Part 1

Format	Color
Hex	D5F5E9
RGB	213, 245, 233
RGB Percent	84%, 96%, 91%
CMY	0.1650, 0.0395, 0.0866
CMYK	0.13, 0.00, 0.05, 0.04
HSL	157°, 61%, 90%
HSV	157°, 13%, 96%
XYZ	74.7448, 85.2715, 89.5532
YIQ	234.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

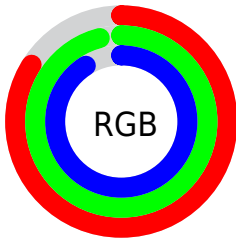
Format	Color
R _{YB}	213, 233, 245
Decimal	14022121
CIE Lab	94.00, -12.62, 2.27
CIE LCh	94, 12.827, 169.810
Yxy	85.2715, 0.2995, 0.3417
Android (android.graphics.Color)	4292212201 (0xFFD5F5E9)
YUV	234.0640, -0.5246, -18.4731
Hunter-Lab	92.3426, -17.1164, 7.1408

Details

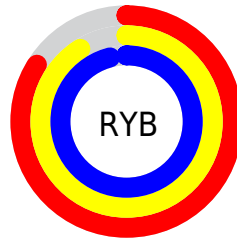
The CIELCh color **94, 12.827, 169.810** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 13.201, 352.178**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.133, 168.742** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.476, 168.769**, and if you desaturate by 10%, it is **96, 3.015, 170.874**.

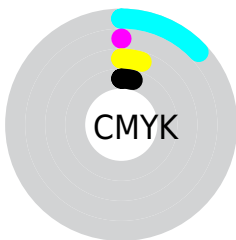
Distribution



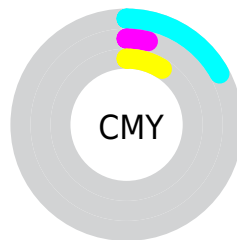
- Red (84%)
- Green (96%)
- Blue (91%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)





- Cyan (17%)
- Magenta (4%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 12.827, 169.810 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, 12.827, 169.810 by changing the saturation by 10% instead.


 94, 12.827,
169.810


 94, 12.827,
169.810


 100, 12.827,
169.810


 84, 12.827,
169.810

 74, 12.827,
169.810

 64, 12.827,
169.810

 54, 12.827,
169.810

 44, 12.827,
169.810

 34, 12.827,
169.810

 24, 12.827,

169.810

■ 14, 12.827,
169.810

■ 4, 12.827, 169.810

■ 94, 12.827,
169.810

■ 94, 12.827,
169.810

■ 92, 22.476,
168.769

■ 96, 3.015, 170.874

■ 91, 31.812,
167.641

■ 97, 4.837, 337.350

■ 98, 6.273, 324.611

■ 89, 40.675,
166.395

■ 88, 48.896,
165.004

■ 88, 56.319,
163.442

■ 87, 62.825,
161.685

■ 86, 68.359,
159.716

■ 86, 72.955,
157.536

■ 86, 75.727,
155.953

Harmonies

Complementary

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



94, 12.827, 169.810



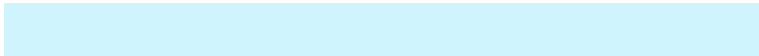
88, 13.201, 352.178

Rectangle

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



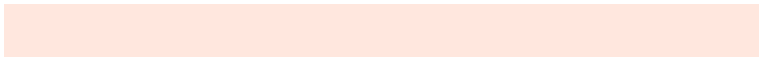
94, 12.827, 169.810



94, 12.827, 219.810



94, 12.827, 349.810



94, 12.827, 39.810

Sweetspot

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



94, 12.829, 169.805



99, 4.067, 170.748



94, 17.930, 132.482



53, 2.891, 170.659



0, 0.000, 0.000



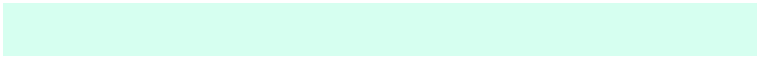
53, 0.007, 296.813

Same Dimension

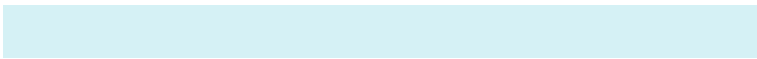
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 12.829, 169.805



97, 16.204, 169.505



93, 9.767, 210.263



50, 5.587, 170.164



67, 61.163, 156.377



21, 25.600, 159.878

Inverse Universe

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



88, 13.201, 352.178



89, 16.781, 352.498



89, 10.652, 30.531



48, 5.706, 351.802



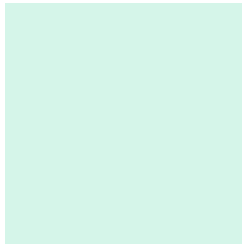
39, 67.316, 14.112



9, 29.624, 5.951

Previews

White Background



This preview shows how the CIE LCh color 94, 12.827, 169.810 looks on a white background.

Color Contrast Check

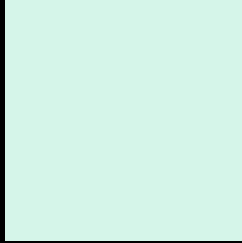
Large Text (above 18pt) WCAG AA × Fail

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, 12.827, 169.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

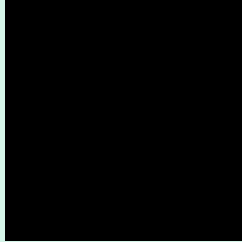
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

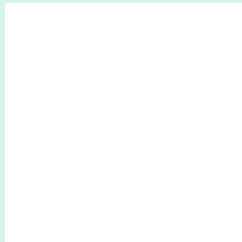
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 12.827, 169.810

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.827, 169.810.

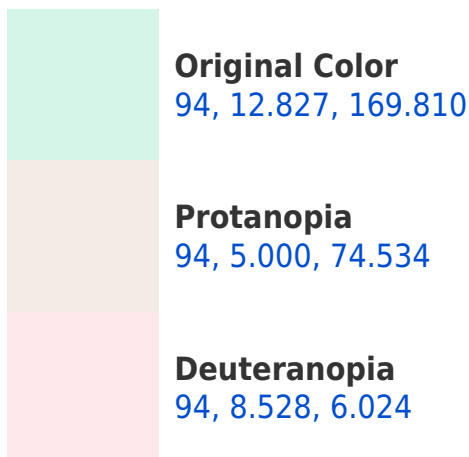


This preview shows how white text looks on a background with the CIELCh color 94, 12.827, 169.810.

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



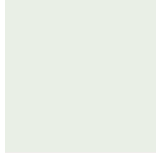


Tritanopia
94, 9.712, 252.060

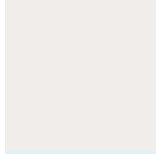
Trichromacy



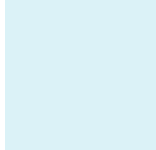
Original Color
94, 12.827, 169.810



Protanomaly
94, 5.110, 134.552



Deuteranomaly
94, 1.467, 63.337

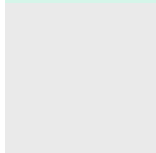


Tritanomaly
94, 8.208, 217.323

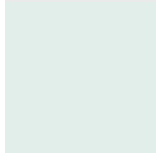
Monochromacy



Original Color
94, 12.827, 169.810



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 4.724, 173.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.827, 169.810 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(213, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(213, 245, 233)  
}
```

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(213, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 245, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.827, 169.810 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(213, 245, 233) }
```

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

```
.border{ border-color:rgb(213, 245, 233) }
```

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

Here you see how a box with a 4 pixel rgb(213, 245, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(213, 245,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.827, 169.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 245, 233) }
```

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

```
.background{ background-color: rgb(213,  
245, 233) }
```

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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