

Converting Colors

CIELCh(94, 10.535, 162.858)

Have a look what the booklet for
CIELCh(94, 10.535, 162.858)
contains.

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Color

CIELCh(94, 10.527, 162.861)

Conversions

Conversions Part 1

Format	Color
Hex	DBF3E7
RGB	219, 243, 231
RGB Percent	86%, 95%, 91%
CMY	0.1395, 0.0454, 0.0925
CMYK	0.10, 0.00, 0.05, 0.05
HSL	150°, 51%, 91%
HSV	150°, 10%, 95%
XYZ	75.9981, 85.2715, 88.3642
YIQ	234.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

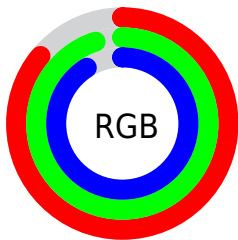
Format	Color
R _Y B	219, 235, 243
Decimal	14414823
CIE Lab	94.00, -10.06, 3.10
CIE LCh	94, 10.527, 162.861
Yxy	85.2715, 0.3044, 0.3416
Android (android.graphics.Color)	4292604903 (0xFFDBF3E7)
YUV	234.4560, -1.7038, -13.5549
Hunter-Lab	92.3426, -14.6938, 7.9042

Details

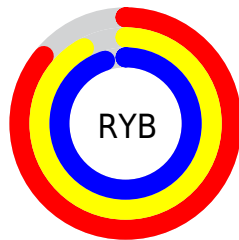
The CIELCh color **94, 10.527, 162.861** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 10.669, 344.434**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.768, 161.518** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.177, 161.900**, and if you desaturate by 10%, it is **96, 0.153, 340.580**.

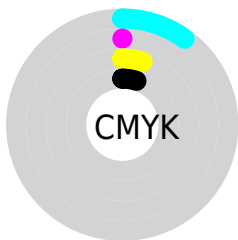
Distribution



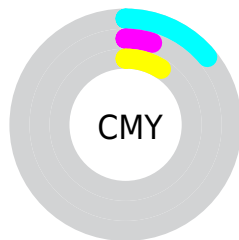
- Red (86%)
- Green (95%)
- Blue (91%)



- Red (86%)
- Yellow (92%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.527, 162.861 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, 10.527, 162.861 by changing the saturation by 10% instead.


 94, 10.527,
162.861


 94, 10.527,
162.861


 100, 10.527,
162.861


 84, 10.527,
162.861


 74, 10.527,
162.861

 64, 10.527,
162.861

 54, 10.527,
162.861

 44, 10.527,
162.861

 34, 10.527,
162.861

 24, 10.527,

162.861

■ 14, 10.527,
162.861

■ 4, 10.527, 162.861

■ 94, 10.527,
162.861

■ 94, 10.527,
162.861

■ 92, 21.177,
161.900

■ 96, 0.153, 340.580

■ 91, 31.651,
160.849

■ 97, 7.209, 324.650

■ 89, 41.785,
159.669

■ 88, 51.396,
158.334

■ 87, 60.302,
156.818

■ 86, 68.342,
155.099

■ 86, 75.408,
153.164

■ 85, 81.474,
151.019

■ 85, 86.677,
148.739

Harmonies

Complementary

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



94, 10.527, 162.861



90, 10.669, 344.434

Rectangle

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



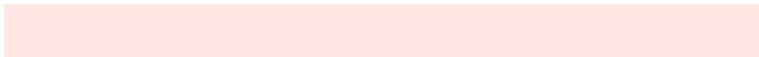
94, 10.527, 162.861



94, 10.527, 212.861



94, 10.527, 342.861



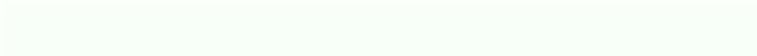
94, 10.527, 32.861

Sweetspot

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



94, 10.529, 162.857



99, 3.316, 163.546



95, 13.020, 128.048



53, 2.516, 163.448



0, 0.000, 0.000



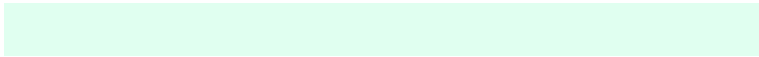
53, 0.007, 296.813

Same Dimension

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



94, 10.529, 162.857



98, 13.302, 162.655



94, 8.268, 197.509



50, 6.094, 162.892



66, 70.321, 149.126



21, 29.116, 152.704

Inverse Universe

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



90, 10.669, 344.434



92, 13.512, 344.636



89, 8.787, 18.623



48, 6.173, 344.399



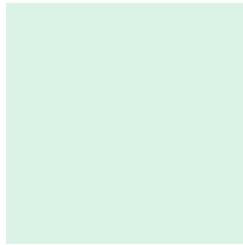
40, 66.898, 2.014



9, 30.258, 355.892

Previews

White Background



This preview shows how the CIELCh color 94, 10.527, 162.861 looks on a white background.

Color Contrast Check

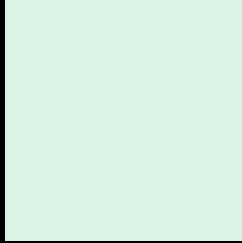
Large Text (above 18pt) WCAG AA × Fail

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, 10.527, 162.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

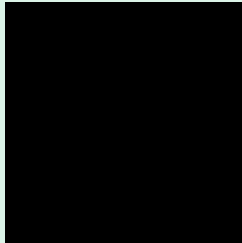
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

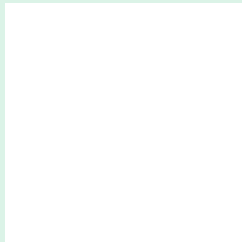
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.527, 162.861

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.527, 162.861.

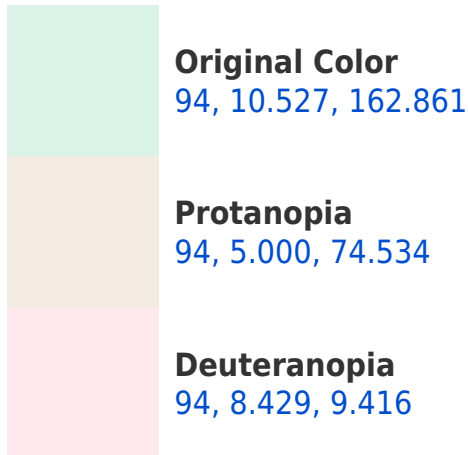


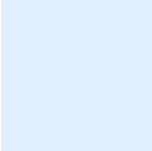
This preview shows how white text looks on a background with the CIELCh color 94, 10.527, 162.861.

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

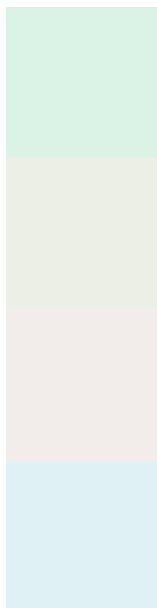




Tritanopia

94, 9.258, 262.405

Trichromacy



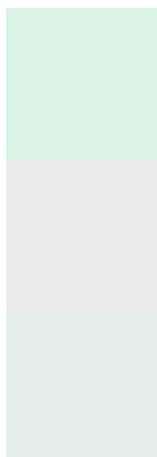
Original Color
94, 10.527, 162.861

Protanomaly
94, 5.338, 125.316

Deuteranomaly
94, 2.363, 45.014

Tritanomaly
94, 6.339, 223.154

Monochromacy



Original Color
94, 10.527, 162.861

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.805, 166.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.527, 162.861 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(219, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(219, 243, 231)  
}
```

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(219, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 243, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.527, 162.861 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(219, 243, 231) }
```

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

```
.border{ border-color:rgb(219, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(219, 243,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.527, 162.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 243, 231) }
```

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

```
.background{ background-color: rgb(219,  
243, 231) }
```

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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