

Converting Colors

CIELCh(94, 15.519, 157.597)

Have a look what the booklet for
CIELCh(94, 15.519, 157.597)
contains.

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Color

CIELCh(94, 15.628, 157.320)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6E2
RGB	213, 246, 226
RGB Percent	84%, 96%, 89%
CMY	0.1660, 0.0366, 0.1150
CMYK	0.13, 0.00, 0.08, 0.04
HSL	144°, 64%, 90%
HSV	144°, 13%, 96%
XYZ	73.8761, 85.2715, 84.2744
YIQ	233.8530, -13.2480, -13.2160

Conversions

Conversions Part 2

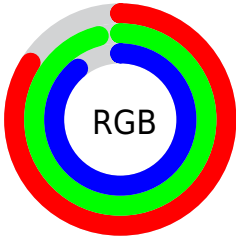
Format	Color
R _Y B	213, 237, 246
Decimal	14022370
CIE Lab	94.00, -14.42, 6.03
CIE LCh	94, 15.628, 157.320
Yxy	85.2715, 0.3035, 0.3503
Android (android.graphics.Color)	4292212450 (0xFFD5F6E2)
YUV	233.8530, -3.8715, -18.2881
Hunter-Lab	92.3426, -18.7956, 10.5301

Details

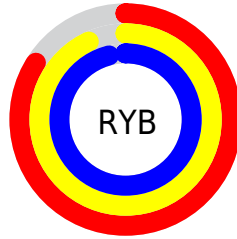
The CIELCh color **94, 15.628, 157.320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 15.793, 339.356**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 15.767, 157.601** is the 20% darker color. If you saturate the color by 10%, you get **92, 27.264, 156.397**, and if you desaturate by 10%, it is **96, 3.973, 158.203**.

Distribution



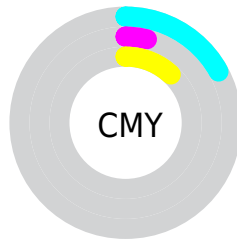
- Red (84%)
- Green (96%)
- Blue (89%)



- Red (84%)
- Yellow (93%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)





- Cyan (17%)
- Magenta (4%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 15.628, 157.320 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, 15.628, 157.320 by changing the saturation by 10% instead.


 94, 15.628,
157.320


 94, 15.628,
157.320


 100, 15.628,
157.320


 84, 15.628,
157.320


 74, 15.628,
157.320

 64, 15.628,
157.320

 54, 15.628,
157.320

 44, 15.628,
157.320

 34, 15.628,
157.320

 24, 15.628,

157.320

■ 14, 15.628,
157.320

■ 4, 15.628, 157.320

■ 94, 15.628,
157.320

■ 94, 15.628,
157.320

■ 92, 27.264,
156.397

■ 96, 3.973, 158.203

■ 91, 38.715,
155.357

■ 98, 5.814, 324.591

■ 89, 49.794,
154.171

■ 88, 60.291,
152.813

■ 87, 69.999,
151.261

■ 86, 78.737,
149.503

■ 86, 86.381,
147.542

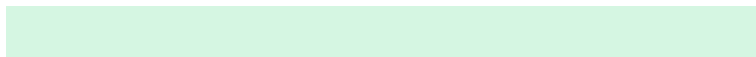
■ 85, 92.896,
145.414

■ 85, 96.646,
143.997

Harmonies

Complementary

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



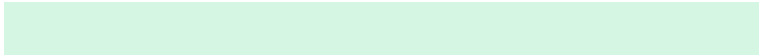
94, 15.628, 157.320



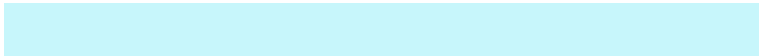
88, 15.793, 339.356

Rectangle

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



94, 15.628, 157.320



94, 15.628, 207.320



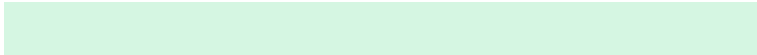
94, 15.628, 337.320



94, 15.628, 27.320

Sweetspot

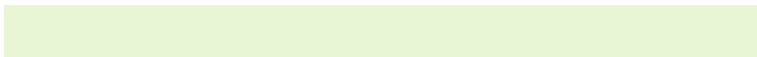
The Sweet Spot groups the original color and five complimentary colors.



94, 15.630, 157.318



99, 4.776, 158.143



95, 17.496, 124.214



53, 3.397, 158.071



0, 0.000, 0.000



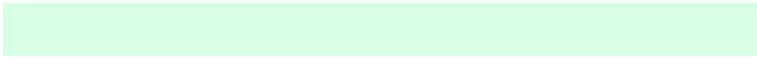
53, 0.007, 296.813

Same Dimension

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



94, 15.630, 157.318



97, 19.198, 157.088



94, 11.510, 188.770



50, 6.587, 157.658



66, 77.777, 144.402



21, 32.095, 147.865

Inverse Universe

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



88, 15.793, 339.356



90, 19.430, 339.574



88, 12.313, 10.959



48, 6.640, 339.030



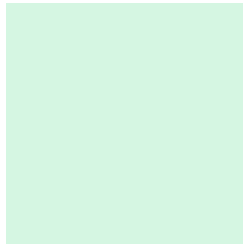
41, 69.169, 352.393



9, 31.587, 348.100

Previews

White Background



This preview shows how the CIE LCh color 94, 15.628, 157.320 looks on a white background.

Color Contrast Check

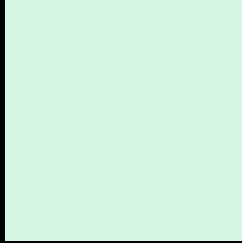
Large Text (above 18pt) WCAG AA × Fail

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, 15.628, 157.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

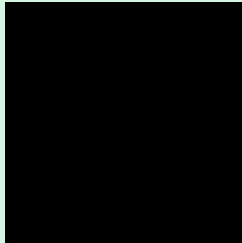
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

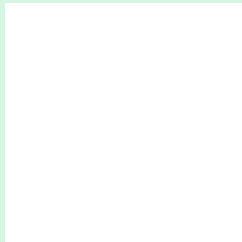
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.628, 157.320

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.628, 157.320.

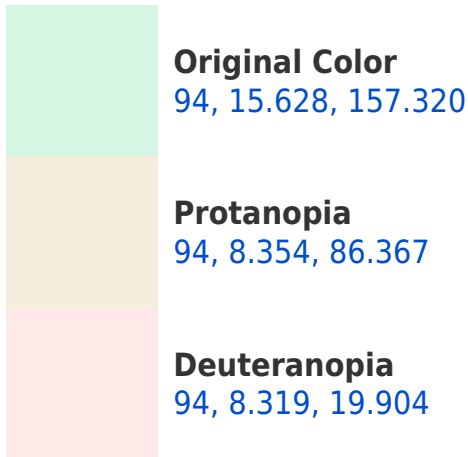


This preview shows how white text looks on a background with the CIELCh color 94, 15.628, 157.320.

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



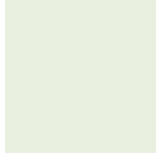


Tritanopia
94, 9.516, 253.652

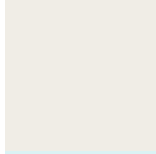
Trichromacy



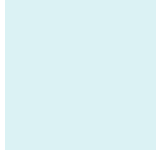
Original Color
94, 15.628, 157.320



Protanomaly
94, 9.098, 125.597



Deuteranomaly
94, 3.735, 93.126

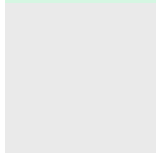


Tritanomaly
94, 7.941, 206.447

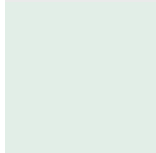
Monochromacy



Original Color
94, 15.628, 157.320



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 5.604, 159.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.628, 157.320 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, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 226)  
}
```

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, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.628, 157.320 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, 246, 226) }
```

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

```
.border{ border-color:rgb(213, 246, 226) }
```

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

Here you see how a box with a 4 pixel rgb(213, 246, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.628, 157.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 226) }
```

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

```
.background{ background-color: rgb(213,  
246, 226) }
```

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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