

Converting Colors

CIELCh(95, 14.730, 157.089)

Have a look what the booklet for
CIELCh(95, 14.730, 157.089)
contains.

CIELCh(95, 14.730, 157.089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 14.730, 157.089)

Conversions

Conversions Part 1

Format	Color
Hex	D9F8E5
RGB	217, 248, 229
RGB Percent	85%, 97%, 90%
CMY	0.1487, 0.0271, 0.1016
CMYK	0.12, 0.00, 0.08, 0.03
HSL	143°, 69%, 91%
HSV	143°, 12%, 97%
XYZ	76.3927, 87.6183, 87.0802
YIQ	236.5650, -12.3770, -12.4810

Conversions

Conversions Part 2

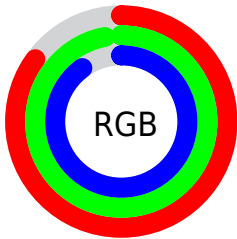
Format	Color
R _Y B	217, 239, 248
Decimal	14285029
CIE Lab	95.00, -13.57, 5.73
CIE LCh	95, 14.730, 157.089
Yxy	87.6183, 0.3042, 0.3490
Android (android.graphics.Color)	4292475109 (0xFFD9F8E5)
YUV	236.5650, -3.7295, -17.1585
Hunter-Lab	93.6047, -18.1306, 10.3659

Details

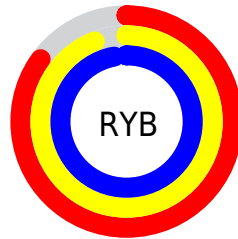
The CIELCh color **95, 14.730, 157.089** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.872, 338.955**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 14.821, 157.421** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.532, 156.179**, and if you desaturate by 10%, it is **97, 2.925, 157.996**.

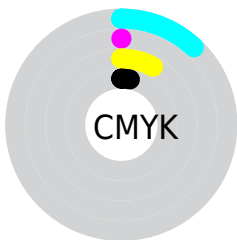
Distribution



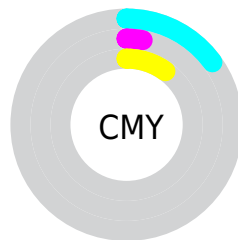
- Red (85%)
- Green (97%)
- Blue (90%)



- Red (85%)
- Yellow (94%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 14.730, 157.089 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, 14.730, 157.089 by changing the saturation by 10% instead.


 95, 14.730,
157.089


 95, 14.730,
157.089


 100, 14.730,
157.089


 85, 14.730,
157.089


 75, 14.730,
157.089

 65, 14.730,
157.089

 55, 14.730,
157.089

 45, 14.730,
157.089

 35, 14.730,
157.089

 25, 14.730,

157.089

■ 15, 14.730,
157.089

■ 5, 14.730, 157.089

■ 95, 14.730,
157.089

■ 95, 14.730,
157.089

■ 93, 26.532,
156.179

■ 97, 2.925, 157.996

■ 91, 38.167,
155.155

■ 98, 4.298, 324.520

■ 90, 49.445,
153.986

■ 89, 60.157,
152.647

■ 88, 70.089,
151.116

■ 87, 79.051,
149.379

■ 87, 86.910,
147.441

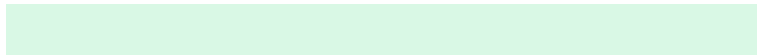
■ 86, 93.616,
145.332

■ 86, 97.975,
143.719

Harmonies

Complementary

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



95, 14.730, 157.089



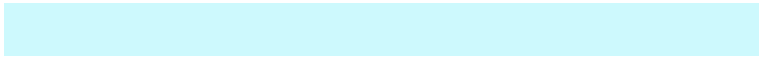
90, 14.872, 338.955

Rectangle

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



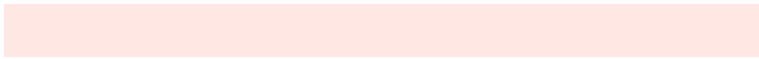
95, 14.730, 157.089



95, 14.730, 207.089



95, 14.730, 337.089



95, 14.730, 27.089

Sweetspot

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



95, 14.732, 157.087



99, 4.801, 157.827



96, 16.410, 124.263



53, 3.414, 157.755



0, 0.000, 0.000



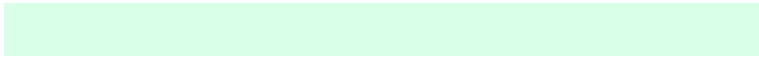
53, 0.007, 296.813

Same Dimension

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



95, 14.732, 157.087



97, 18.090, 156.867



95, 10.816, 188.850



51, 6.734, 157.343



67, 79.076, 144.112



22, 33.329, 147.383

Inverse Universe

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



90, 14.872, 338.955



90, 18.289, 339.164



89, 11.514, 10.862



49, 6.786, 338.710



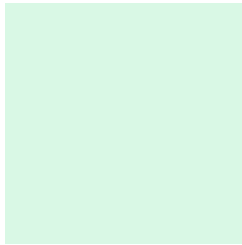
41, 70.085, 351.837



10, 32.531, 347.843

Previews

White Background



This preview shows how the CIELCh color 95, 14.730, 157.089 looks on a white background.

Color Contrast Check

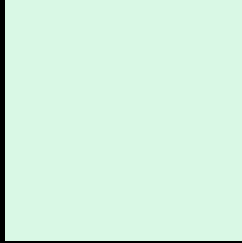
Large Text (above 18pt) WCAG AA × Fail

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 95, 14.730, 157.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

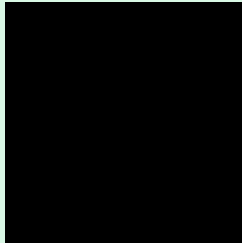
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

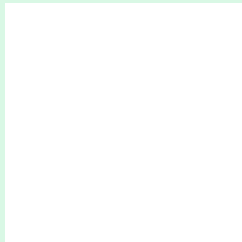
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.730, 157.089

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.730, 157.089.

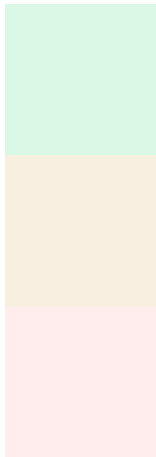


This preview shows how white text looks on a background with the CIELCh color 95, 14.730, 157.089.

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
95, 14.730, 157.089

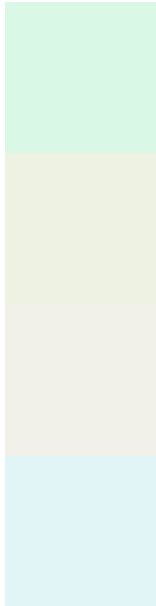
Protanopia
95, 8.334, 86.381

Deuteranopia
95, 6.829, 19.778



Tritanopia
95, 7.933, 256.823

Trichromacy



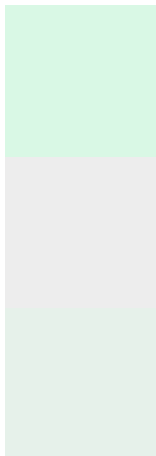
Original Color
95, 14.730, 157.089

Protanomaly
95, 8.400, 121.909

Deuteranomaly
95, 3.594, 104.172

Tritanomaly
95, 6.601, 208.058

Monochromacy



Original Color
95, 14.730, 157.089

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.326, 156.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.730, 157.089 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(217, 248, 229)` looks like.

```
.text, #text, p{  
    color:rgb(217, 248, 229)  
}
```

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(217, 248, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 248, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.730, 157.089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

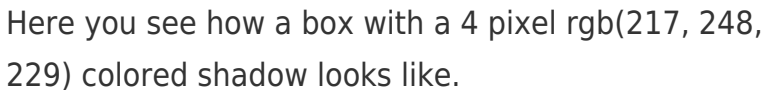
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 248, 229) }
```

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

```
.border{ border-color:rgb(217, 248, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 248, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 248, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 248, 229);  
box-shadow:4px 4px 4px 4px rgb(217, 248,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.730, 157.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 248, 229) }
```

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

```
.background{ background-color: rgb(217,  
248, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor