

Converting Colors

CIELCh(94, 11.416, 189.240)

Have a look what the booklet for
CIELCh(94, 11.416, 189.240)
contains.

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Color

CIELCh(94, 11.104, 190.709)

Conversions

Conversions Part 1	
Format	Color
Hex	D4F4F1
RGB	212, 244, 241
RGB Percent	83%, 96%, 95%
CMY	0.1676, 0.0420, 0.0538
CMYK	0.13, 0.00, 0.01, 0.04
HSL	174°, 60%, 90%
HSV	174°, 13%, 96%
XYZ	75.5807, 85.2715, 95.9097
YIQ	234.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

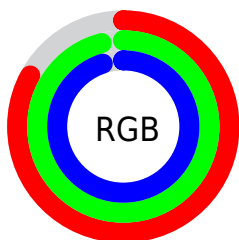
Format	Color
RYB	212, 229, 244
Decimal	13956337
CIELab	94.00, -10.91, -2.06
CIELCh	94, 11.104, 190.709
Yxy	85.2715, 0.2944, 0.3321
Android (android.graphics.Color)	4292146417 (0xFFD4F4F1)
YUV	234.0900, 3.4066, -19.3729
Hunter-Lab	92.3426, -15.5006, 3.0595

Details

The CIELCh color **94, 11.104, 190.709** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 11.904, 12.730**, 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, 11.227, 190.203** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.098, 189.903**, and if you desaturate by 10%, it is **96, 2.680, 191.643**.

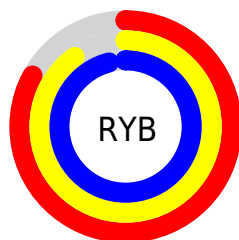
Distribution



Red (83%)

Green (96%)

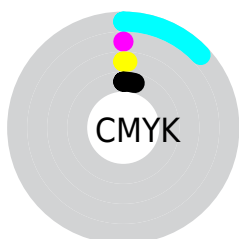
Blue (95%)



Red (83%)

Yellow (90%)

Blue (96%)

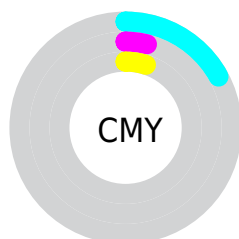


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (17%)


Magenta (4%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 11.104, 190.709 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, 11.104, 190.709 by changing the saturation by 10% instead.


 94, 11.104,
190.709


 94, 11.104,
190.709


 100, 11.104,
190.709


 84, 11.104,
190.709


 74, 11.104,
190.709

 64, 11.104,
190.709


 54, 11.104,
190.709

 44, 11.104,
190.709


 34, 11.104,
190.709


 24, 11.104,


190.709

 14, 11.104,
190.709


 4, 11.104, 190.709

 94, 11.104,
190.709

 94, 11.104,
190.709


 92, 19.098,
189.903

 96, 2.680, 191.643


 91, 26.515,
189.109

 97, 3.889, 7.538

 97, 4.290, 352.104

 90, 33.210,
188.304

 97, 4.943, 340.036


 89, 39.043,
187.476

 97, 5.763, 331.107

 97, 6.676, 324.628

 88, 43.900,
186.612

 88, 47.709,
185.695

 87, 50.461,
184.708

 87, 52.227,
183.634

 87, 53.018,
182.849

Harmonies

Complementary

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



94, 11.104, 190.709



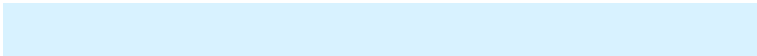
88, 11.904, 12.730

Rectangle

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



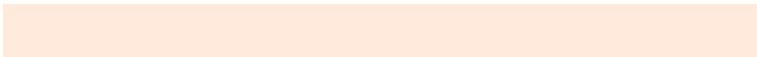
94, 11.104, 190.709



94, 11.104, 240.709



94, 11.104, 10.709



94, 11.104, 60.709

Sweetspot

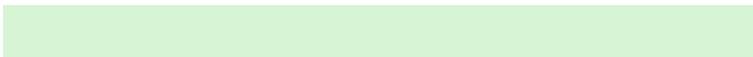
The Sweet Spot groups the original color and five complimentary colors.



94, 11.105, 190.701



99, 3.571, 191.522



94, 19.528, 141.026



53, 2.535, 191.436



0, 0.000, 0.000



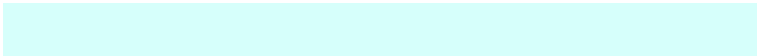
53, 0.007, 296.813

Same Dimension

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



94, 11.105, 190.701



97, 13.947, 190.464



91, 9.203, 245.476



50, 4.861, 190.999



68, 43.160, 183.055



21, 18.932, 184.684

Inverse Universe

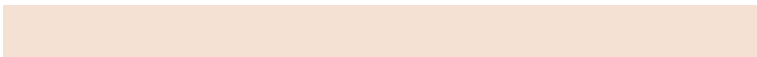
The Inverse Universe completely reimagines the original color for something new.



88, 11.904, 12.730



89, 15.197, 13.035



91, 9.718, 62.505



48, 5.109, 12.368



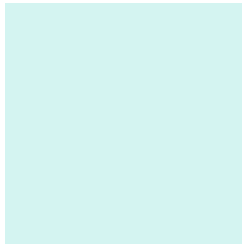
39, 78.589, 36.176



8, 30.470, 21.214

Previews

White Background



This preview shows how the CIELCh color 94, 11.104, 190.709 looks on a white background.

Color Contrast Check

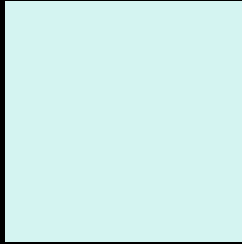
Large Text (above 18pt) WCAG AA × Fail

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, 11.104, 190.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

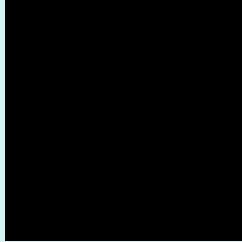
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

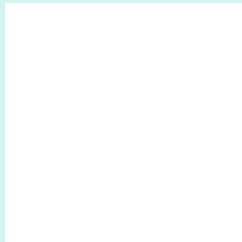
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.104, 190.709

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.104, 190.709.

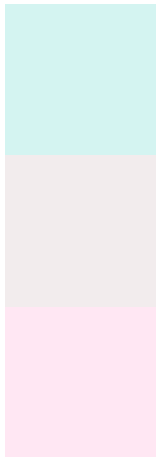


This preview shows how white text looks on a background with the CIELCh color 94, 11.104, 190.709.

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, 11.104, 190.709

Protanopia

94, 2.202, 5.772


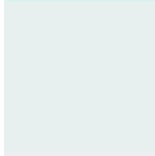
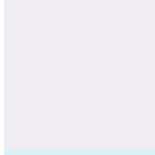
Deuteranopia

94, 10.565, 344.400


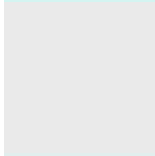
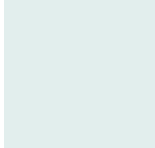


Tritanopia
94, 9.915, 250.535

Trichromacy

	Original Color 94, 11.104, 190.709
	Protanomaly 94, 2.803, 199.444
	Deuteranomaly 94, 3.288, 309.135
	Tritanomaly 94, 9.034, 226.200

Monochromacy

	Original Color 94, 11.104, 190.709
	Achromatopsia 93, 0.011, 296.813
	Achromatomaly 93, 4.239, 192.277

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 94, 11.104, 190.709 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(212, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 244, 241)  
}
```

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(212, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 244, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.104, 190.709 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(212, 244, 241) }
```

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

```
.border{ border-color:rgb(212, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 244,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.104, 190.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 244, 241) }
```

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

```
.background{ background-color: rgb(212,  
244, 241) }
```

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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