

Converting Colors

CIELCh(94, 17.904, 138.790)

Have a look what the booklet for
CIELCh(94, 17.904, 138.790)
contains.

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Color

CIELCh(94, 17.902, 139.210)

Conversions

Conversions Part 1

Format	Color
Hex	DCF5D7
RGB	220, 245, 215
RGB Percent	86%, 96%, 84%
CMY	0.1380, 0.0399, 0.1576
CMYK	0.10, 0.00, 0.12, 0.04
HSL	110°, 60%, 90%
HSV	110°, 12%, 96%
XYZ	74.2943, 85.2715, 76.7074
YIQ	234.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

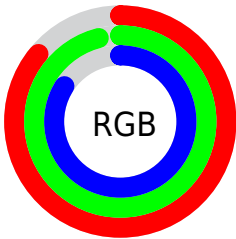
Format	Color
R_{YB}	215, 245, 240
Decimal	14480855
CIE _{Lab}	94.00, -13.55, 11.70
CIE _{LCh}	94, 17.902, 139.210
Yxy	85.2715, 0.3144, 0.3609
Android (android.graphics.Color)	4292670935 (0xFFDC _{F5D7})
YUV	234.1050, -9.4188, -12.3701
Hunter-Lab	92.3426, -17.9872, 15.3886

Details

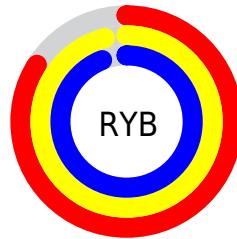
The CIELCh color **94, 17.902, 139.210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 18.003, 320.347**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.160, 138.887** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.616, 138.630**, and if you desaturate by 10%, it is **96, 3.265, 139.775**.

Distribution



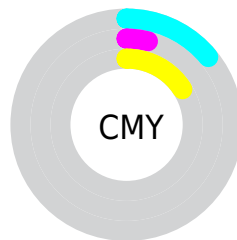
- Red (86%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)





- Cyan (14%)
- Magenta (4%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 17.902, 139.210 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, 17.902, 139.210 by changing the saturation by 10% instead.


 94, 17.902,
139.210


 94, 17.902,
139.210


 100, 17.902,
139.210


 84, 17.902,
139.210


 74, 17.902,
139.210

 64, 17.902,
139.210

 54, 17.902,
139.210

 44, 17.902,
139.210

 34, 17.902,
139.210

 24, 17.902,

139.210

■ 14, 17.902,
139.210

■ 4, 17.902, 139.210

■ 94, 17.902,
139.210

■ 94, 17.902,
139.210

■ 92, 32.616,
138.630

■ 96, 3.265, 139.775

■ 91, 47.222,
137.980

■ 97, 6.344, 324.614

■ 89, 61.477,
137.269

■ 88, 75.050,
136.526

■ 87, 87.501,
135.810

■ 86, 98.268,
135.219

■ 85, 106.710,
134.884

■ 85, 112.295,
134.922

■ 85, 114.784,
135.155

Harmonies

Complementary

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



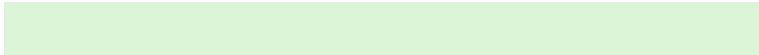
94, 17.902, 139.210



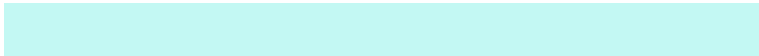
89, 18.003, 320.347

Rectangle

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



94, 17.902, 139.210



94, 17.902, 189.210



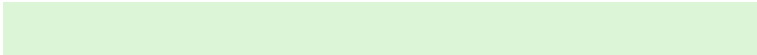
94, 17.902, 319.210



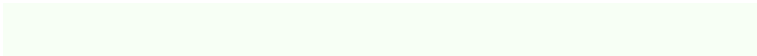
94, 17.902, 9.210

Sweetspot

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



94, 17.904, 139.211



99, 6.005, 139.658



95, 12.915, 100.957



53, 4.271, 139.615



0, 0.000, 0.000



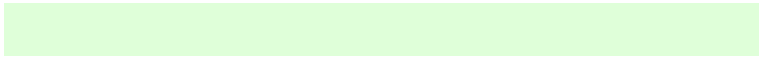
53, 0.007, 296.813

Same Dimension

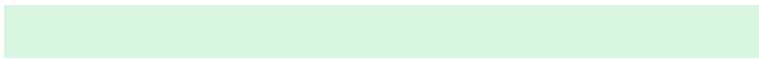
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 17.904, 139.211



97, 22.682, 139.056



94, 14.874, 154.782



50, 8.291, 139.361



66, 93.283, 135.020



21, 39.747, 134.891

Inverse Universe

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



89, 18.003, 320.347



90, 22.825, 320.478



89, 14.978, 336.518



48, 8.331, 320.215



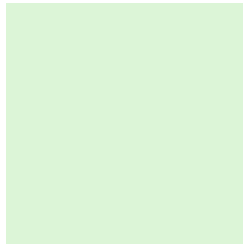
39, 92.539, 321.890



9, 41.031, 322.692

Previews

White Background



This preview shows how the CIELCh color 94, 17.902, 139.210 looks on a white background.

Color Contrast Check

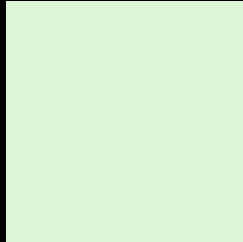
Large Text (above 18pt) WCAG AA × Fail

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, 17.902, 139.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

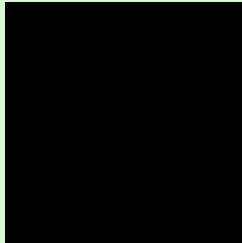
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

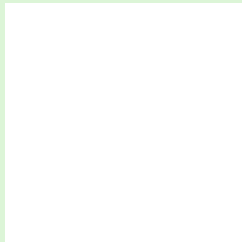
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 17.902, 139.210

Background



This preview shows how black text looks on a background with the CIELCh color 94, 17.902, 139.210.

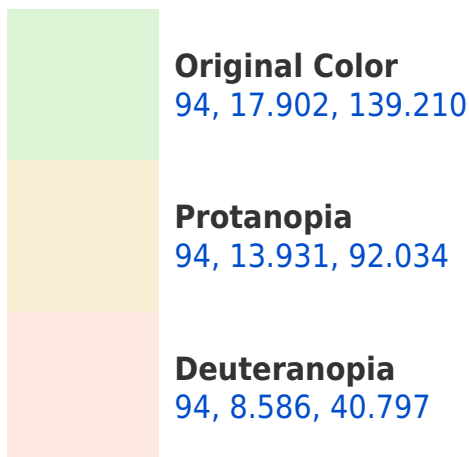


This preview shows how white text looks on a background with the CIELCh color 94, 17.902, 139.210.

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](#).

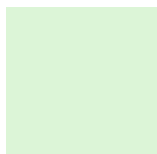
Dichromacy



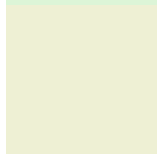


Tritanopia
94, 8.973, 266.220

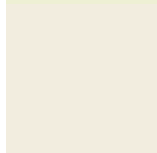
Trichromacy



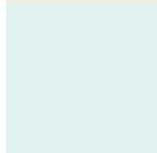
Original Color
94, 17.902, 139.210



Protanomaly
94, 14.357, 111.986

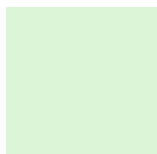


Deuteranomaly
94, 7.395, 95.372

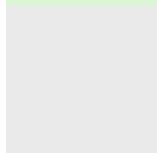


Tritanomaly
94, 5.599, 193.864

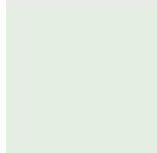
Monochromacy



Original Color
94, 17.902, 139.210



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 6.536, 139.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 17.902, 139.210 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(220, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(220, 245, 215)  
}
```

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(220, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 245, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 17.902, 139.210 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(220, 245, 215) }
```

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

```
.border{ border-color:rgb(220, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(220, 245,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 17.902, 139.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 245, 215) }
```

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

```
.background{ background-color: rgb(220,  
245, 215) }
```

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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