

Converting Colors

CIELCh(94, 8.515, 193.233)

Have a look what the booklet for
CIELCh(94, 8.515, 193.233) contains.

CIELCh(94, 8.702, 192.093)	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(94, 8.702, 192.093)

Conversions

Conversions Part 1

Format	Color
Hex	DAF3F1
RGB	218, 243, 241
RGB Percent	85%, 95%, 95%
CMY	0.1455, 0.0475, 0.0553
CMYK	0.10, 0.00, 0.01, 0.05
HSL	175°, 51%, 90%
HSV	175°, 10%, 95%
XYZ	76.7624, 85.2715, 95.5495
YIQ	235.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

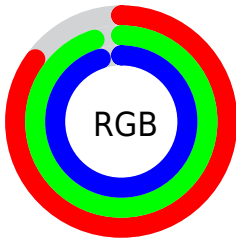
Format	Color
R _{YB}	218, 231, 243
Decimal	14349297
CIE Lab	94.00, -8.51, -1.82
CIE LCh	94, 8.702, 192.093
Yxy	85.2715, 0.2980, 0.3310
Android (android.graphics.Color)	4292539377 (0xFFDAF3F1)
YUV	235.2970, 2.8116, -15.1695
Hunter-Lab	92.3426, -13.2163, 3.2908

Details

The CIELCh color `94, 8.702, 192.093` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `89, 9.203, 13.546`, 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, 8.738, 191.625` is the 20% darker color. If you saturate the color by 10%, you get `92, 16.750, 191.308`, and if you desaturate by 10%, it is `96, 0.250, 195.248`.

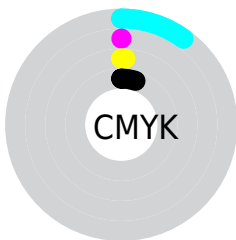
Distribution



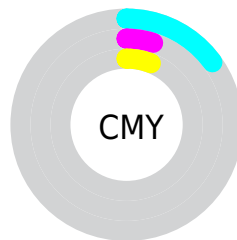
- Red (85%)
- Green (95%)
- Blue (95%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.702, 192.093 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, 8.702, 192.093 by changing the saturation by 10% instead.

 94, 8.702, 192.093

 94, 8.702, 192.093

 100, 8.702,
192.093

 84, 8.702, 192.093

 74, 8.702, 192.093

 64, 8.702, 192.093

 54, 8.702, 192.093

 44, 8.702, 192.093

 34, 8.702, 192.093

 24, 8.702, 192.093

 14, 8.702, 192.093

 4, 8.702, 192.093

94, 8.702, 192.093

94, 8.702, 192.093

92, 16.750,
191.308

96, 0.250, 195.248

91, 24.251,
190.555

97, 4.408, 6.930

97, 4.726, 355.118

90, 31.061,
189.802

97, 5.218, 345.170

89, 37.039,
189.040

97, 5.840, 337.148

97, 6.556, 330.786

88, 42.064,
188.259

97, 7.338, 325.742

88, 46.056,
187.445

97, 7.539, 324.663

87, 48.986,
186.581

87, 50.903,
185.651

■ 87, 51.992,
184.684

Harmonies

Complementary

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



94, 8.702, 192.093



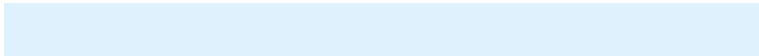
89, 9.203, 13.546

Rectangle

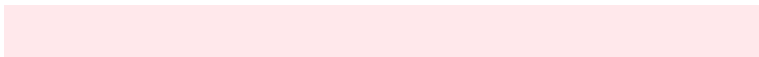
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



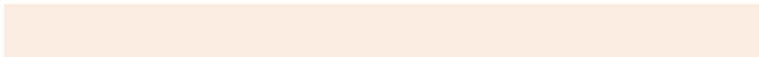
94, 8.702, 192.093



94, 8.702, 242.093



94, 8.702, 12.093



94, 8.702, 62.093

Sweetspot

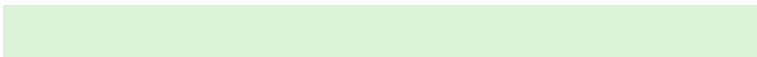
The Sweet Spot groups the original color and five complimentary colors.



94, 8.703, 192.082



99, 2.674, 192.790



94, 15.327, 141.648



53, 2.025, 192.680



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, 8.703, 192.082



98, 10.515, 191.943



91, 7.282, 247.175



50, 4.844, 192.147



68, 42.521, 184.861



21, 18.697, 186.289

Inverse Universe

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



89, 9.203, 13.546



92, 11.227, 13.716



92, 7.569, 64.733



48, 5.099, 13.469



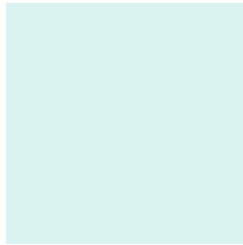
39, 79.204, 36.825



8, 30.543, 21.778

Previews

White Background



This preview shows how the CIELCh color 94, 8.702, 192.093 looks on a white background.

Color Contrast Check

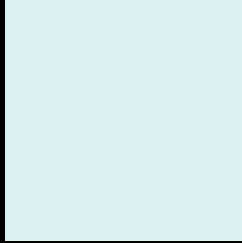
Large Text (above 18pt) WCAG AA × Fail

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, 8.702, 192.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

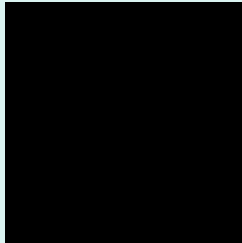
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

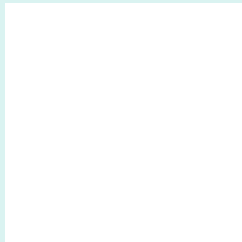
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.702, 192.093

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.702, 192.093.

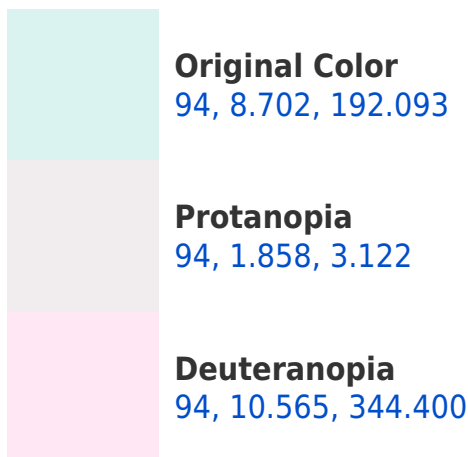


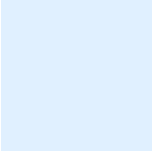
This preview shows how white text looks on a background with the CIELCh color 94, 8.702, 192.093.

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](#).

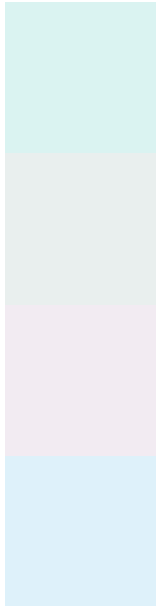
Dichromacy





Tritanopia
94, 9.327, 255.313

Trichromacy



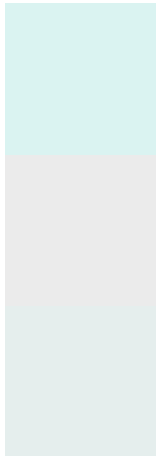
Original Color
94, 8.702, 192.093

Protanomaly
94, 2.177, 185.882

Deuteranomaly
94, 4.401, 324.534

Tritanomaly
94, 7.874, 235.263

Monochromacy



Original Color
94, 8.702, 192.093

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.207, 190.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.702, 192.093 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(218, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 243, 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(218, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 243, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.702, 192.093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

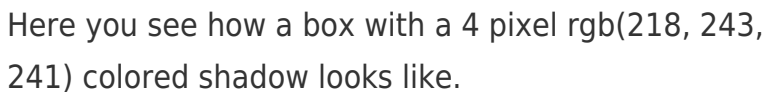
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 243, 241) }
```

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

```
.border{ border-color:rgb(218, 243, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 243, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 243, 241); box-shadow:4px 4px 4px 4px rgb(218, 243, 241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.702, 192.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 243, 241) }
```

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

```
.background{ background-color: rgb(218,  
243, 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](#).

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