

Converting Colors

CIELCh(94, 9.587, 171.727)

Have a look what the booklet for
CIELCh(94, 9.587, 171.727) contains.

CIELCh(94, 9.394, 172.834)	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, 9.394, 172.834)

Conversions

Conversions Part 1

Format	Color
Hex	DBF3EB
RGB	219, 243, 235
RGB Percent	86%, 95%, 92%
CMY	0.1406, 0.0465, 0.0779
CMYK	0.10, 0.00, 0.03, 0.05
HSL	160°, 50%, 91%
HSV	160°, 10%, 95%
XYZ	76.3616, 85.2715, 91.1358
YIQ	234.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

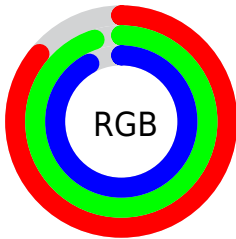
Format	Color
R _Y B	219, 233, 243
Decimal	14414827
CIE Lab	94.00, -9.32, 1.17
CIE LCh	94, 9.394, 172.834
Yxy	85.2715, 0.3021, 0.3373
Android (android.graphics.Color)	4292604907 (0xFFDBF3EB)
YUV	234.9120, 0.0434, -13.9548
Hunter-Lab	92.3426, -13.9910, 6.1247

Details

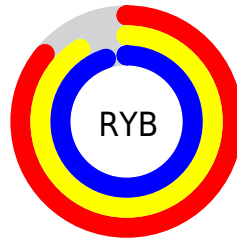
The CIELCh color **94, 9.394, 172.834** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 9.639, 354.569**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.531, 171.653** is the 20% darker color. If you saturate the color by 10%, you get **92, 18.761, 171.802**, and if you desaturate by 10%, it is **96, 0.127, 349.455**.

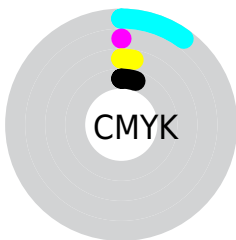
Distribution



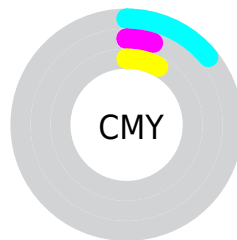
- Red (86%)
- Green (95%)
- Blue (92%)



- Red (86%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.394, 172.834 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, 9.394, 172.834 by changing the saturation by 10% instead.

 94, 9.394, 172.834

 94, 9.394, 172.834

 100, 9.394,
172.834

 84, 9.394, 172.834

 74, 9.394, 172.834

 64, 9.394, 172.834

 54, 9.394, 172.834

 44, 9.394, 172.834

 34, 9.394, 172.834

 24, 9.394, 172.834

 14, 9.394, 172.834

 4, 9.394, 172.834

94, 9.394, 172.834

94, 9.394, 172.834

92, 18.761,
171.802

96, 0.127, 349.455

91, 27.830,
170.707

97, 5.948, 334.841

97, 7.386, 324.657

89, 36.450,
169.511

88, 44.457,
168.188

87, 51.697,
166.711

87, 58.043,
165.056

86, 63.425,
163.200

86, 67.852,
161.135

■ 85, 71.499,
158.910

Harmonies

Complementary

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



94, 9.394, 172.834



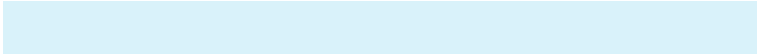
90, 9.639, 354.569

Rectangle

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



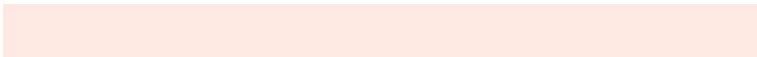
94, 9.394, 172.834



94, 9.394, 222.834



94, 9.394, 352.834



94, 9.394, 42.834

Sweetspot

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



94, 9.396, 172.827



99, 2.973, 173.599



94, 13.578, 133.723



53, 2.254, 173.486



0, 0.000, 0.000



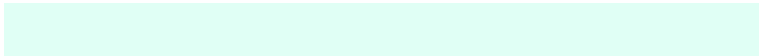
53, 0.007, 296.813

Same Dimension

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



94, 9.396, 172.827



98, 11.853, 172.608



93, 7.219, 213.988



50, 5.439, 172.866



67, 58.149, 159.288



21, 24.466, 162.699

Inverse Universe

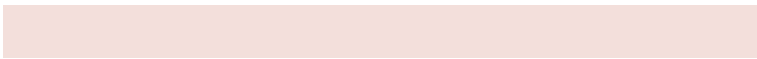
The Inverse Universe completely reimagines the original color for something new.



90, 9.639, 354.569



92, 12.224, 354.801



90, 7.696, 33.814



48, 5.575, 354.528



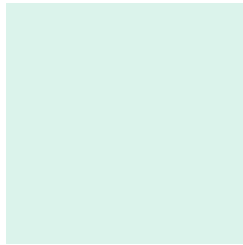
39, 68.232, 18.066



9, 29.625, 8.991

Previews

White Background



This preview shows how the CIELCh color 94, 9.394, 172.834 looks on a white background.

Color Contrast Check

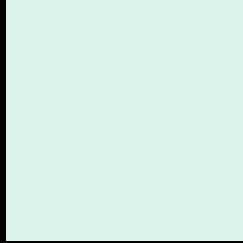
Large Text (above 18pt) WCAG AA × Fail

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, 9.394, 172.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

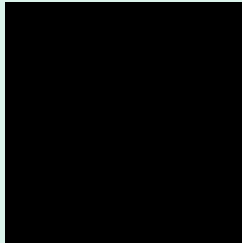
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

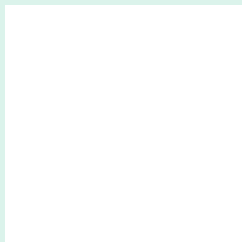
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.394, 172.834

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.394, 172.834.

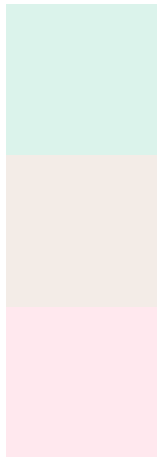


This preview shows how white text looks on a background with the CIELCh color 94, 9.394, 172.834.

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, 9.394, 172.834

Protanopia

94, 3.572, 65.232

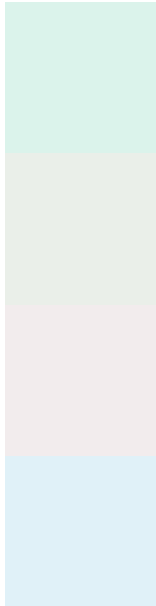
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 9.258, 262.405

Trichromacy



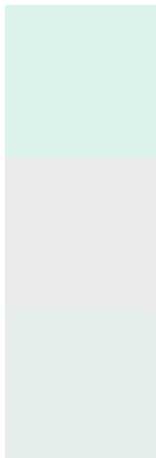
Original Color
94, 9.394, 172.834

Protanomaly
94, 3.569, 139.754

Deuteranomaly
94, 2.202, 5.772

Tritanomaly
94, 6.784, 231.313

Monochromacy



Original Color
94, 9.394, 172.834

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.543, 173.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.394, 172.834 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(219, 243, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 243, 235)  
}
```

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(219, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 243, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.394, 172.834 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(219, 243, 235) }
```

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

```
.border{ border-color:rgb(219, 243, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 243, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 243, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 243, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 243,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.394, 172.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 243, 235) }
```

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

```
.background{ background-color: rgb(219,  
243, 235) }
```

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