

Converting Colors

CIELCh(94, 10.609, 195.984)

Have a look what the booklet for
CIELCh(94, 10.609, 195.984)
contains.

CIELCh(94, 10.616, 195.981)	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, 10.616, 195.981)

Conversions

Conversions Part 1

Format	Color
Hex	D5F4F3
RGB	213, 244, 243
RGB Percent	84%, 96%, 95%
CMY	0.1649, 0.0433, 0.0473
CMYK	0.13, 0.00, 0.00, 0.04
HSL	178°, 58%, 90%
HSV	178°, 13%, 96%
XYZ	75.9263, 85.2715, 97.2053
YIQ	234.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

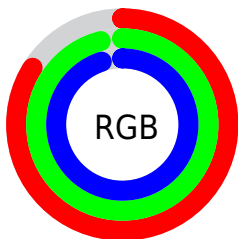
Format	Color
R _{YB}	213, 229, 244
Decimal	14021875
CIE Lab	94.00, -10.21, -2.92
CIE LCh	94, 10.616, 195.981
Yxy	85.2715, 0.2938, 0.3300
Android (android.graphics.Color)	4292211955 (0xFFD5F4F3)
YUV	234.6170, 4.1328, -18.9581
Hunter-Lab	92.3426, -14.8326, 2.2277

Details

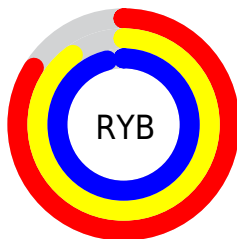
The CIELCh color **94, 10.616, 195.981** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 11.465, 17.606**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.705, 195.692** is the 20% darker color. If you saturate the color by 10%, you get **93, 18.432, 195.342**, and if you desaturate by 10%, it is **96, 2.314, 196.814**.

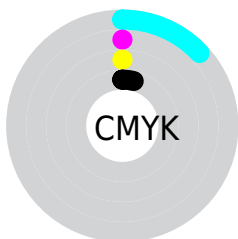
Distribution



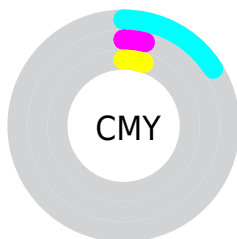
- Red (84%)
- Green (96%)
- Blue (95%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.616, 195.981 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, 10.616, 195.981 by changing the saturation by 10% instead.


 94, 10.616,
195.981


 94, 10.616,
195.981


 100, 10.616,
195.981


 84, 10.616,
195.981

 74, 10.616,
195.981

 64, 10.616,
195.981

 54, 10.616,
195.981

 44, 10.616,
195.981

 34, 10.616,
195.981

 24, 10.616,

195.981

■ 14, 10.616,
195.981

■ 4, 10.616, 195.981

■ 94, 10.616,
195.981

■ 94, 10.616,
195.981

■ 93, 18.432,
195.342

■ 96, 2.314, 196.814

■ 91, 25.616,
194.754

■ 97, 3.935, 15.229

■ 97, 3.986, 9.454

■ 90, 32.029,
194.201

■ 97, 4.076, 3.881

■ 89, 37.538,
193.679

■ 97, 4.203, 358.597

■ 97, 4.364, 353.666

■ 89, 42.039,
193.185

■ 97, 4.555, 349.119

■ 88, 45.472,
192.713

■ 97, 4.773, 344.965

■ 88, 47.837,
192.254

■ 97, 5.014, 341.195

■ 87, 49.211,
191.795

■ 87, 49.742,
191.457

Harmonies

Complementary

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



94, 10.616, 195.981



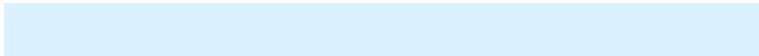
88, 11.465, 17.606

Rectangle

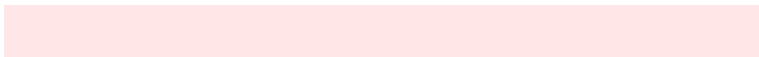
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



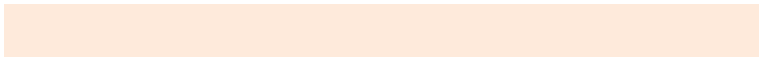
94, 10.616, 195.981



94, 10.616, 245.981



94, 10.616, 15.981



94, 10.616, 65.981

Sweetspot

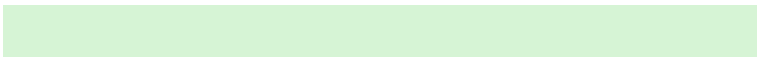
The Sweet Spot groups the original color and five complimentary colors.



94, 10.617, 195.971



99, 3.534, 196.643



93, 19.326, 142.826



53, 2.508, 196.565



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

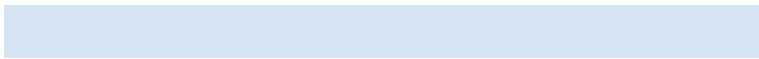
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.617, 195.971



97, 12.911, 195.820



90, 9.281, 253.431



50, 4.800, 196.191



68, 40.587, 191.537



22, 17.979, 192.164

Inverse Universe

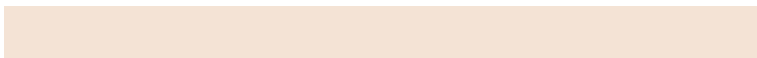
The Inverse Universe completely reimagines the original color for something new.



88, 11.465, 17.606



90, 14.151, 17.819



91, 9.648, 70.177



48, 5.080, 17.321



39, 81.120, 38.709



8, 30.819, 23.715

Previews

White Background



This preview shows how the CIE LCh color 94, 10.616, 195.981 looks on a white background.

Color Contrast Check

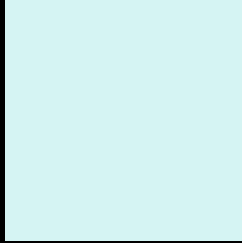
Large Text (above 18pt) WCAG AA × Fail

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, 10.616, 195.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

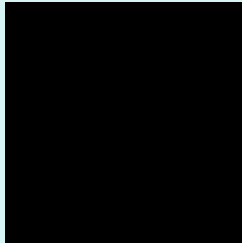
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

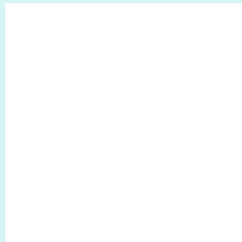
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.616, 195.981

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.616, 195.981.

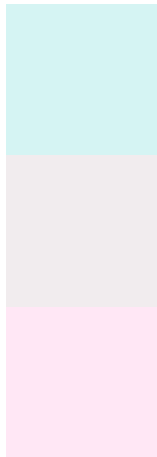


This preview shows how white text looks on a background with the CIELCh color 94, 10.616, 195.981.

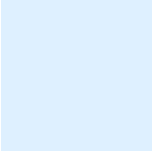
Color Blindness Simulation

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

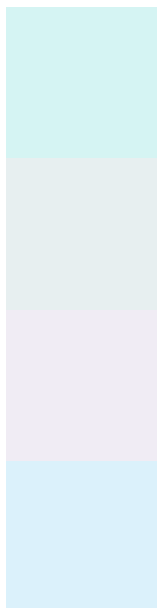


Original Color
94, 10.616, 195.981
Protanopia
94, 2.066, 349.352
Deuteranopia
94, 11.186, 340.111



Tritanopia
94, 9.712, 252.060

Trichromacy



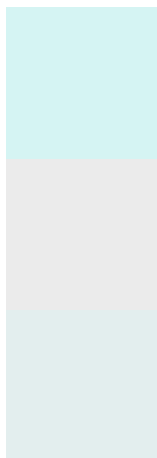
Original Color
94, 10.616, 195.981

Protanomaly
94, 2.839, 209.902

Deuteranomaly
94, 4.379, 309.181

Tritanomaly
94, 8.959, 234.253

Monochromacy



Original Color
94, 10.616, 195.981

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.847, 199.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.616, 195.981 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(213, 244, 243)` looks like.

```
.text, #text, p{  
    color:rgb(213, 244, 243)  
}
```

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(213, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 244, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.616, 195.981 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(213, 244, 243) }
```

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

```
.border{ border-color:rgb(213, 244, 243) }
```

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

Here you see how a box with a 4 pixel rgb(213, 244, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(213, 244,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.616, 195.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 244, 243) }
```

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

```
.background{ background-color: rgb(213,  
244, 243) }
```

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