

Converting Colors

CIELCh(94, 9.943, 187.821)

Have a look what the booklet for
CIELCh(94, 9.943, 187.821) contains.

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Color

CIELCh(94, 10.237, 187.161)

Conversions

Conversions Part 1

Format	Color
Hex	D7F4F0
RGB	215, 244, 240
RGB Percent	84%, 96%, 94%
CMY	0.1577, 0.0439, 0.0596
CMYK	0.12, 0.00, 0.02, 0.04
HSL	172°, 56%, 90%
HSV	172°, 12%, 96%
XYZ	75.9501, 85.2715, 94.7330
YIQ	234.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

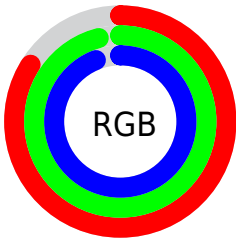
Format	Color
R _Y B	215, 231, 244
Decimal	14152944
CIE Lab	94.00, -10.16, -1.28
CIE LCh	94, 10.237, 187.161
Yxy	85.2715, 0.2967, 0.3332
Android (android.graphics.Color)	4292343024 (0xFFD7F4F0)
YUV	234.8730, 2.5276, -17.4286
Hunter-Lab	92.3426, -14.7865, 3.8150

Details

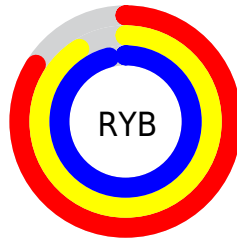
The CIELCh color **94, 10.237, 187.161** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 10.831, 9.118**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.345, 186.511** is the 20% darker color. If you saturate the color by 10%, you get **92, 18.452, 186.263**, and if you desaturate by 10%, it is **96, 1.654, 188.299**.

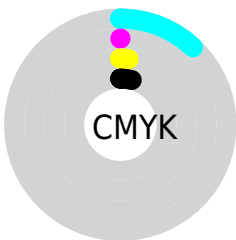
Distribution



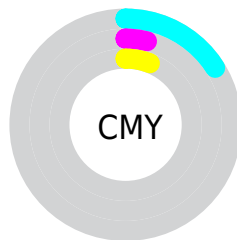
- Red (84%)
- Green (96%)
- Blue (94%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.237, 187.161 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, 10.237, 187.161 by changing the saturation by 10% instead.


 94, 10.237,
187.161


 94, 10.237,
187.161


 100, 10.237,
187.161


 84, 10.237,
187.161


 74, 10.237,
187.161

 64, 10.237,
187.161

 54, 10.237,
187.161

 44, 10.237,
187.161

 34, 10.237,
187.161

 24, 10.237,

187.161

■ 14, 10.237,
187.161

■ 4, 10.237, 187.161

■ 94, 10.237,
187.161

■ 94, 10.237,
187.161

■ 92, 18.452,
186.263

■ 96, 1.654, 188.299

■ 91, 26.153,
185.358

■ 97, 4.215, 0.264

■ 97, 5.053, 341.618

■ 90, 33.194,
184.417

■ 97, 6.264, 329.239

■ 89, 39.427,
183.424

■ 97, 6.978, 324.640

■ 88, 44.730,
182.361

■ 87, 49.015,
181.207

■ 87, 52.259,
179.941

■ 87, 54.514,
178.544

■ 87, 55.783,
177.330

Harmonies

Complementary

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



94, 10.237, 187.161



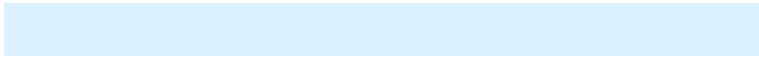
88, 10.831, 9.118

Rectangle

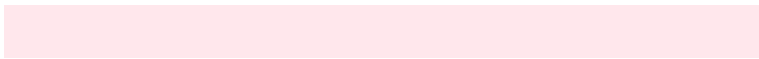
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



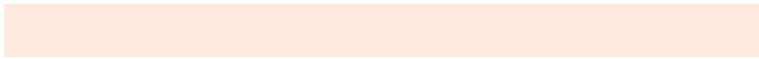
94, 10.237, 187.161



94, 10.237, 237.161



94, 10.237, 7.161



94, 10.237, 57.161

Sweetspot

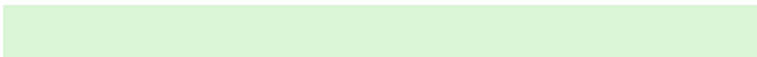
The Sweet Spot groups the original color and five complimentary colors.



94, 10.238, 187.152



99, 3.615, 187.929



94, 17.409, 139.705



53, 2.567, 187.839



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, 10.238, 187.152



97, 12.447, 186.961



91, 8.216, 239.004



50, 4.929, 187.371



68, 45.431, 177.602



21, 19.765, 179.790

Inverse Universe

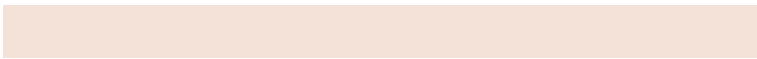
The Inverse Universe completely reimagines the original color for something new.



88, 10.831, 9.118



91, 13.307, 9.347



91, 8.706, 56.687



48, 5.154, 8.865



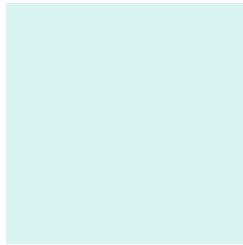
39, 76.454, 33.728



8, 30.254, 19.386

Previews

White Background



This preview shows how the CIE LCh color 94, 10.237, 187.161 looks on a white background.

Color Contrast Check

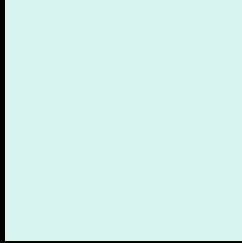
Large Text (above 18pt) WCAG AA × Fail

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, 10.237, 187.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

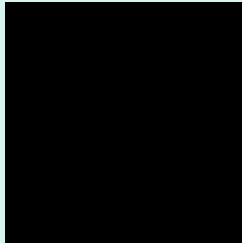
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

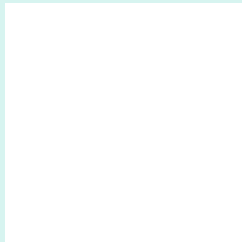
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.237, 187.161

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.237, 187.161.

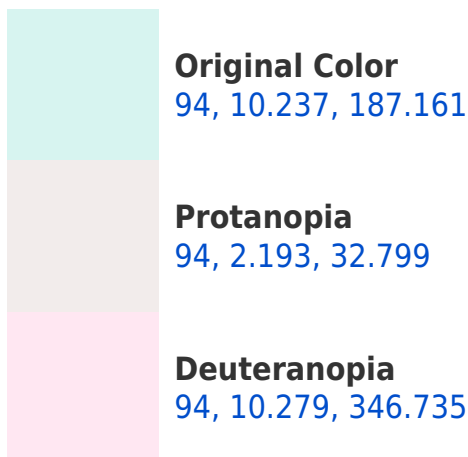


This preview shows how white text looks on a background with the CIELCh color 94, 10.237, 187.161.

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](#).

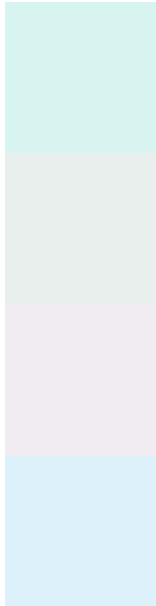
Dichromacy





Tritanopia
94, 9.516, 253.652

Trichromacy



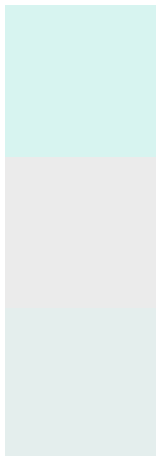
Original Color
94, 10.237, 187.161

Protanomaly
94, 2.680, 176.896

Deuteranomaly
94, 2.960, 318.823

Tritanomaly
94, 8.170, 229.431

Monochromacy



Original Color
94, 10.237, 187.161

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.551, 190.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.237, 187.161 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(215, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 240)  
}
```

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(215, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.237, 187.161 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(215, 244, 240) }
```

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

```
.border{ border-color:rgb(215, 244, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 244, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.237, 187.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 240) }
```

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

```
.background{ background-color: rgb(215,  
244, 240) }
```

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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