

Converting Colors

CIELCh(96, 38.040, 296.933)

Have a look what the booklet for
CIELCh(96, 38.040, 296.933)
contains.

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Color

CIElCh(94, 10.808, 307.663)

Conversions

Conversions Part 1

Format	Color
Hex	F3EAFE
RGB	243, 234, 254
RGB Percent	95%, 92%, 100%
CMY	0.0460, 0.0813, 0.0029
CMYK	0.04, 0.08, 0.00, 0.00
HSL	267°, 93%, 96%
HSV	267°, 8%, 100%
XYZ	84.4820, 85.2715, 105.9872
YIQ	238.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

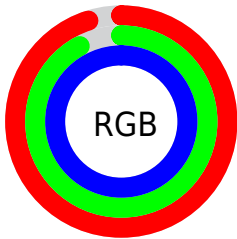
Format	Color
R _{YB}	243, 234, 254
Decimal	15985406
CIE Lab	94.00, 6.60, -8.56
CIE LCh	94, 10.808, 307.663
Yxy	85.2715, 0.3064, 0.3092
Android (android.graphics.Color)	4294175486 (0xFF3EAFE)
YUV	238.9710, 7.4093, 3.5334
Hunter-Lab	92.3426, 1.7057, -3.4109

Details

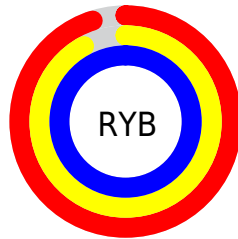
The CIELCh color `94, 10.808, 307.663` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 10.664, 126.945`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 10.854, 308.575` is the 20% darker color. If you saturate the color by 10%, you get `87, 24.924, 308.186`, and if you desaturate by 10%, it is `100, 0.365, 109.939`.

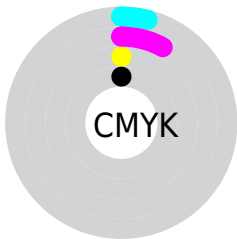
Distribution



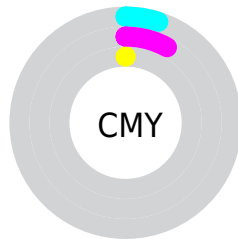
- Red (95%)
- Green (92%)
- Blue (100%)



- Red (95%)
- Yellow (92%)
- Blue (100%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.808, 307.663 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, 10.808, 307.663 by changing the saturation by 10% instead.


 94, 10.808,
307.663

 94, 10.808,
307.663

 100, 10.808,
307.663


 84, 10.808,
307.663

 74, 10.808,
307.663

 64, 10.808,
307.663

 54, 10.808,
307.663

 44, 10.808,
307.663

 34, 10.808,
307.663

 24, 10.808,

307.663

■ 14, 10.808,
307.663

■ 4, 10.808, 307.663

■ 94, 10.808,
307.663

■ 94, 10.808,
307.663

■ 87, 24.924,
308.186

100, 0.365,
109.939

■ 79, 39.438,
308.755

■ 72, 54.256,
309.360

■ 65, 69.193,
309.976

■ 59, 83.906,
310.559

■ 52, 97.815,
311.039

■ 47, 110.034,
311.311

■ 43, 119.444,
311.244

■ 40, 125.173,
310.731

Harmonies

Complementary

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



94, 10.808, 307.663



99, 10.664, 126.945

Rectangle

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



94, 10.808, 307.663



94, 10.808, 357.663



94, 10.808, 127.663



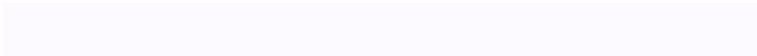
94, 10.808, 177.663

Sweetspot

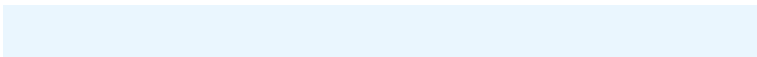
The Sweet Spot groups the original color and five complimentary colors.



94, 10.806, 307.660



99, 2.739, 307.346



96, 5.838, 248.893



53, 1.557, 307.339



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, 10.806, 307.660



93, 12.423, 307.718



95, 12.224, 323.019



49, 7.854, 307.744



29, 101.617, 310.791



6, 44.922, 311.513

Inverse Universe

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



95, 9.092, 341.623



94, 10.448, 341.724



98, 12.190, 142.244



50, 6.604, 341.769



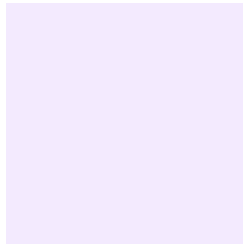
41, 69.049, 357.423



11, 32.430, 352.616

Previews

White Background



This preview shows how the CIE LCh color 94, 10.808, 307.663 looks on a white background.

Color Contrast Check

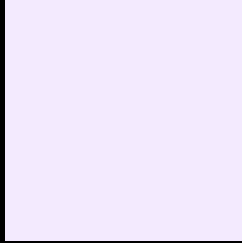
Large Text (above 18pt) WCAG AA × Fail

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, 10.808, 307.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

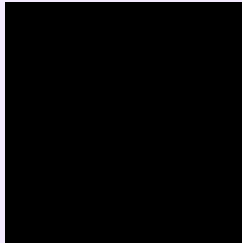
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

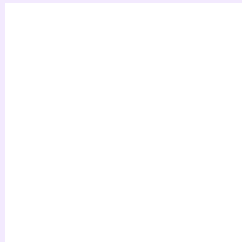
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.808, 307.663

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.808, 307.663.

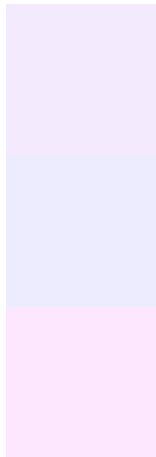


This preview shows how white text looks on a background with the CIELCh color 94, 10.808, 307.663.

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, 10.817, 307.665

Protanopia

94, 9.806, 292.949

Deuteranopia

94, 14.614, 322.631



Tritanopia
94, 10.325, 308.476

Trichromacy



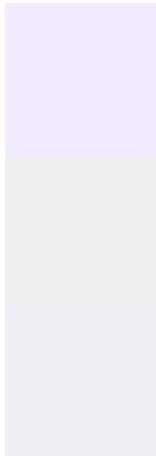
Original Color
94, 10.817, 307.665

Protanomaly
94, 10.428, 298.551

Deuteranomaly
94, 13.308, 317.328

Tritanomaly
94, 10.325, 308.476

Monochromacy



Original Color
94, 10.817, 307.665

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.375, 309.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.808, 307.663 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(243, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 254)  
}
```

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(243, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.808, 307.663 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(243, 234, 254) }
```

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

```
.border{ border-color:rgb(243, 234, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.808, 307.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 254) }
```

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

```
.background{ background-color: rgb(243,  
234, 254) }
```

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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