

Converting Colors

CIELCh(94, 10.531, 318.432)

Have a look what the booklet for
CIELCh(94, 10.531, 318.432)
contains.

CIELCh(94, 10.539, 318.433)	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, 10.539, 318.433)

Conversions

Conversions Part 1

Format	Color
Hex	F7E9FB
RGB	247, 233, 251
RGB Percent	97%, 91%, 98%
CMY	0.0301, 0.0850, 0.0144
CMYK	0.02, 0.07, 0.00, 0.01
HSL	287°, 71%, 95%
HSV	287°, 7%, 99%
XYZ	85.1592, 85.2715, 103.4992
YIQ	239.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

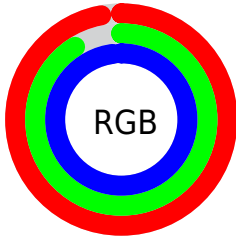
Format	Color
R_{YB}	247, 233, 251
Decimal	16247291
CIE _{Lab}	94.00, 7.89, -6.99
CIE _{LCh}	94, 10.539, 318.433
Yxy	85.2715, 0.3109, 0.3113
Android (android.graphics.Color)	4294437371 (0xFFFF7E9FB)
YUV	239.2380, 5.7987, 6.8073
Hunter-Lab	92.3426, 3.0149, -1.8135

Details

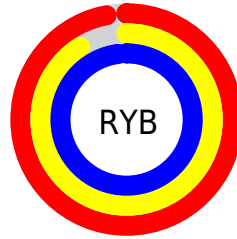
The CIELCh color **94, 10.539, 318.433** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 10.479, 137.843**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 11.071, 318.523** is the 20% darker color. If you saturate the color by 10%, you get **87, 25.466, 318.890**, and if you desaturate by 10%, it is **100, 2.005, 131.484**.

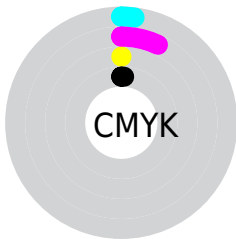
Distribution



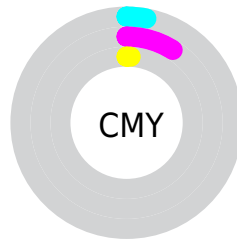
- Red (97%)
- Green (91%)
- Blue (98%)



- Red (97%)
- Yellow (91%)
- Blue (98%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (9%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.539, 318.433 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, 10.539, 318.433 by changing the saturation by 10% instead.


 94, 10.539,
318.433


 94, 10.539,
318.433

 100, 10.539,
318.433


 84, 10.539,
318.433

 74, 10.539,
318.433

 64, 10.539,
318.433

 54, 10.539,
318.433

 44, 10.539,
318.433

 34, 10.539,
318.433

 24, 10.539,

318.433

■ 14, 10.539,
318.433

■ 4, 10.539, 318.433

■ 94, 10.539,
318.433

■ 94, 10.539,
318.433

■ 87, 25.466,
318.890

■ 100, 2.005,
131.484

■ 81, 40.538,
319.340

■ 100, 1.856,
109.998

■ 75, 55.528,
319.769

■ 69, 70.092,
320.154

■ 64, 83.738,
320.459

■ 59, 95.826,
320.639

■ 55, 105.631,
320.644

■ 53, 112.513,
320.423

■ 51, 116.224,
319.947

Harmonies

Complementary

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



94, 10.539, 318.433



97, 10.479, 137.843

Rectangle

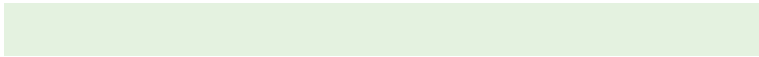
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 10.539, 318.433



94, 10.539, 8.433



94, 10.539, 138.433



94, 10.539, 188.433

Sweetspot

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



94, 10.536, 318.432



99, 2.968, 318.147



94, 7.230, 279.226



53, 1.688, 318.139



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, 10.536, 318.432



94, 13.420, 318.518



94, 9.342, 333.406



49, 8.342, 318.540



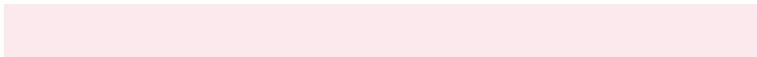
38, 94.233, 319.920



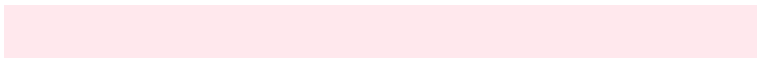
9, 42.456, 320.897

Inverse Universe

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



94, 6.775, 2.155



94, 8.654, 2.358



97, 9.304, 152.527



49, 5.384, 2.411



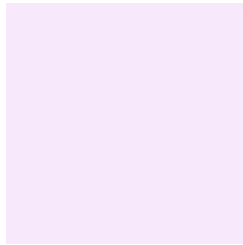
39, 73.106, 27.826



9, 30.885, 16.654

Previews

White Background



This preview shows how the CIE LCh color 94, 10.539, 318.433 looks on a white background.

Color Contrast Check

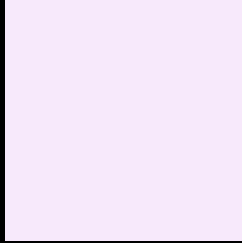
Large Text (above 18pt) WCAG AA × Fail

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, 10.539, 318.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

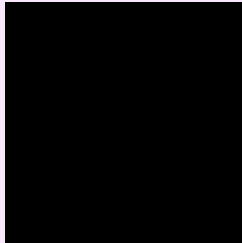
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

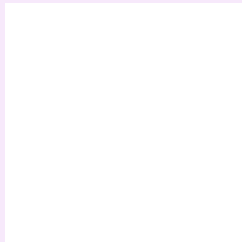
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.539, 318.433

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.539, 318.433.



This preview shows how white text looks on a background with the CIELCh color 94, 10.539, 318.433.

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, 10.539, 318.433
	Protanopia 94, 8.802, 295.353
	Deuteranopia 94, 13.545, 327.379



Tritanopia
94, 10.996, 317.189

Trichromacy



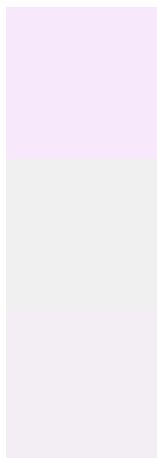
Original Color
94, 10.539, 318.433

Protanomaly
94, 9.039, 304.131

Deuteranomaly
94, 12.511, 324.856

Tritanomaly
94, 10.996, 317.189

Monochromacy



Original Color
94, 10.539, 318.433

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.578, 319.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.539, 318.433 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(247, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 251)  
}
```

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(247, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.539, 318.433 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(247, 233, 251) }
```

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

```
.border{ border-color:rgb(247, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.539, 318.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 251) }
```

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

```
.background{ background-color: rgb(247,  
233, 251) }
```

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