

Converting Colors

CIELCh(94, 13.595, 322.413)

Have a look what the booklet for
CIELCh(94, 13.595, 322.413)
contains.

CIELCh(94, 13.368, 322.376)	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, 13.368, 322.376)

Conversions

Conversions Part 1

Format	Color
Hex	FCE8FE
RGB	252, 232, 254
RGB Percent	99%, 91%, 100%
CMY	0.0132, 0.0916, 0.0053
CMYK	0.01, 0.09, 0.00, 0.01
HSL	295°, 89%, 95%
HSV	295°, 9%, 99%
XYZ	86.5998, 85.2715, 105.3548
YIQ	240.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

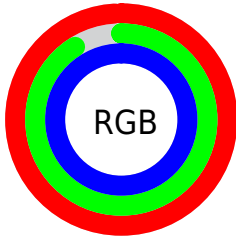
Format	Color
R_{YB}	252, 232, 254
Decimal	16574718
CIE _{Lab}	94.00, 10.59, -8.16
CIE _{LCh}	94, 13.368, 322.376
Yxy	85.2715, 0.3124, 0.3076
Android (android.graphics.Color)	4294764798 (0xFFFC _{E8FE})
YUV	240.4880, 6.6614, 10.0960
Hunter-Lab	92.3426, 5.7996, -3.0049

Details

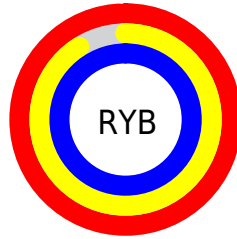
The CIELCh color `94, 13.368, 322.376` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 13.323, 141.535`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 13.386, 322.348` is the 20% darker color. If you saturate the color by 10%, you get `88, 28.948, 322.884`, and if you desaturate by 10%, it is `100, 0.777, 138.343`.

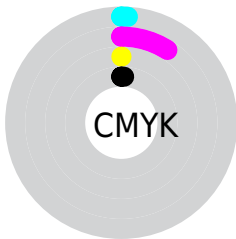
Distribution



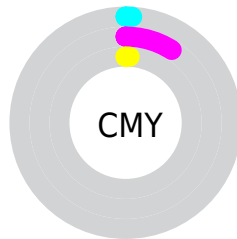
- Red (99%)
- Green (91%)
- Blue (100%)



- Red (99%)
- Yellow (91%)
- Blue (100%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 13.368, 322.376 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, 13.368, 322.376 by changing the saturation by 10% instead.


 94, 13.368,
322.376


 94, 13.368,
322.376


 100, 13.368,
322.376


 84, 13.368,
322.376


 74, 13.368,
322.376

 64, 13.368,
322.376

 54, 13.368,
322.376

 44, 13.368,
322.376

 34, 13.368,
322.376

 24, 13.368,

322.376

■ 14, 13.368,
322.376

■ 4, 13.368, 322.376

■ 94, 13.368,
322.376

■ 94, 13.368,
322.376

■ 88, 28.948,
322.884

100, 0.777,
138.343

■ 82, 44.523,
323.376

100, 0.680,
110.013

■ 76, 59.779,
323.839

■ 71, 74.279,
324.252

■ 66, 87.458,
324.589

■ 62, 98.664,
324.822

■ 59, 107.267,
324.922

■ 57, 112.853,
324.868

■ 56, 115.536,
324.663

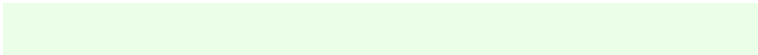
Harmonies

Complementary

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



94, 13.368, 322.376



98, 13.323, 141.535

Rectangle

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



94, 13.368, 322.376



94, 13.368, 12.376



94, 13.368, 142.376



94, 13.368, 192.376

Sweetspot

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



94, 13.365, 322.376



98, 4.629, 322.055



93, 10.235, 286.780



52, 3.510, 322.107



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, 13.365, 322.376



94, 15.498, 322.445



94, 10.372, 339.250



50, 8.808, 322.419



42, 93.632, 324.690



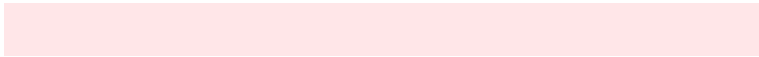
11, 43.034, 325.108

Inverse Universe

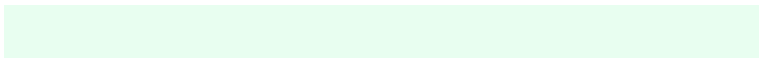
The Inverse Universe completely reimagines the original color for something new.



94, 7.996, 12.522



93, 9.305, 12.654



98, 10.292, 158.006



50, 5.282, 12.605



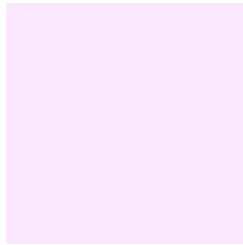
40, 80.401, 36.401



10, 32.664, 23.491

Previews

White Background



This preview shows how the CIE LCh color 94, 13.368, 322.376 looks on a white background.

Color Contrast Check

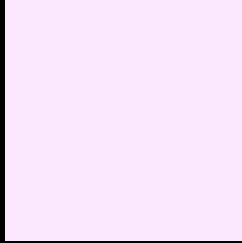
Large Text (above 18pt) WCAG AA × Fail

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, 13.368, 322.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

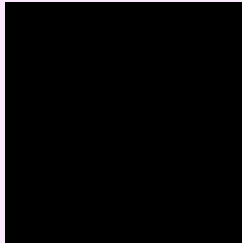
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

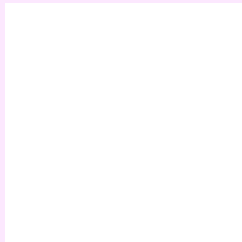
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.368, 322.376

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.368, 322.376.

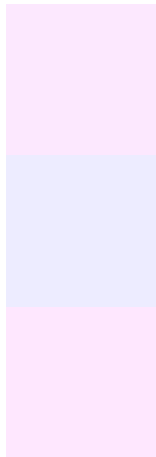


This preview shows how white text looks on a background with the CIELCh color 94, 13.368, 322.376.

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, 13.368, 322.376

Protanopia

94, 9.806, 292.949

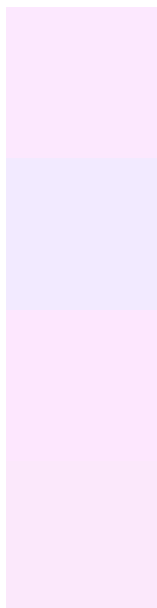
Deuteranopia

94, 14.375, 324.921



Tritanopia
94, 11.473, 326.283

Trichromacy



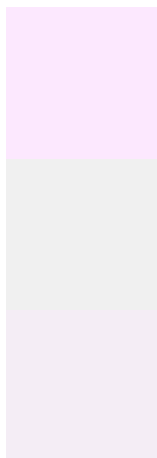
Original Color
94, 13.368, 322.376

Protanomaly
94, 11.218, 305.228

Deuteranomaly
94, 14.183, 323.730

Tritanomaly
94, 11.891, 324.834

Monochromacy



Original Color
94, 13.368, 322.376

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 4.827, 321.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.368, 322.376 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(252, 232, 254)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 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(252, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.368, 322.376 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(252, 232, 254) }
```

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

```
.border{ border-color:rgb(252, 232, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.368, 322.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 254) }
```

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

```
.background{ background-color: rgb(252,  
232, 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](#).

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