

Converting Colors

CIELCh(94, 18.174, 315.307)

Have a look what the booklet for
CIELCh(94, 18.174, 315.307)
contains.

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Color

CIELCh(94, 15.062, 321.599)

Conversions

Conversions Part 1

Format	Color
Hex	FDE7FF
RGB	253, 231, 255
RGB Percent	99%, 91%, 100%
CMY	0.0080, 0.0943, 0.0000
CMYK	0.01, 0.09, 0.00, 0.00
HSL	295°, 100%, 95%
HSV	295°, 9%, 100%
XYZ	87.2531, 85.2715, 107.2759
YIQ	240.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

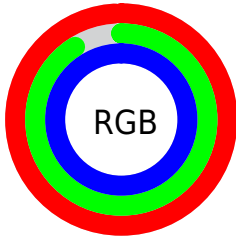
Format	Color
R_{YB}	253, 231, 255
Decimal	16639999
CIE _{Lab}	94.00, 11.80, -9.36
CIE _{LCh}	94, 15.062, 321.599
Yxy	85.2715, 0.3118, 0.3048
Android (android.graphics.Color)	4294830079 (0xFFFFDE7FF)
YUV	240.3140, 7.2402, 11.1256
Hunter-Lab	92.3426, 7.0625, -4.2383

Details

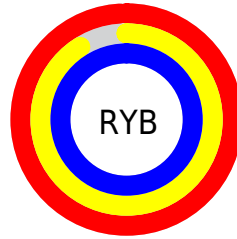
The CIELCh color **94, 15.062, 321.599** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 14.597, 141.652**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 14.692, 322.633** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.325, 323.095**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

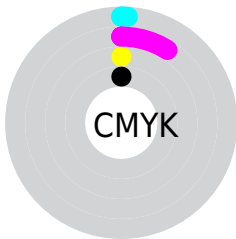
Distribution



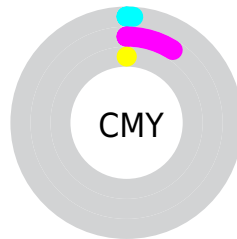
- Red (99%)
- Green (91%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.062, 321.599 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, 15.062, 321.599 by changing the saturation by 10% instead.


 94, 15.062,
321.599


 94, 15.062,
321.599


 100, 15.062,
321.599


 84, 15.062,
321.599

 74, 15.062,
321.599

 64, 15.062,
321.599

 54, 15.062,
321.599

 44, 15.062,
321.599

 34, 15.062,
321.599

 24, 15.062,

321.599

■ 14, 15.062,
321.599

■ 4, 15.062, 321.599

■ 94, 15.062,
321.599

■ 94, 15.062,
321.599

■ 88, 30.325,
323.095

100, 0.012,
296.813

■ 82, 45.974,
323.588

■ 76, 61.264,
324.051

■ 71, 75.744,
324.463

■ 66, 88.833,
324.798

■ 63, 99.875,
325.027

■ 60, 108.253,
325.124

■ 58, 113.585,
325.070

■ 57, 116.094,
324.874

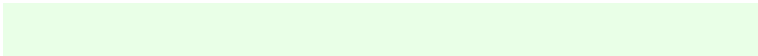
Harmonies

Complementary

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



94, 15.062, 321.599



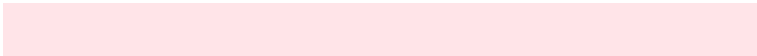
98, 14.597, 141.652

Rectangle

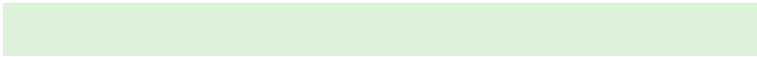
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.062, 321.599



94, 15.062, 11.599



94, 15.062, 141.599



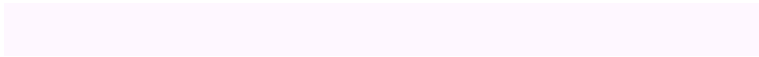
94, 15.062, 191.599

Sweetspot

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



94, 14.642, 322.585



98, 4.637, 322.222



93, 11.201, 286.871



52, 3.516, 322.275



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, 14.642, 322.585



93, 17.089, 322.666



94, 11.345, 339.314



50, 8.824, 322.588



43, 93.582, 324.917



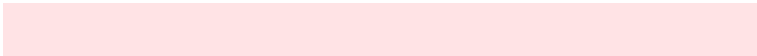
11, 43.015, 325.309

Inverse Universe

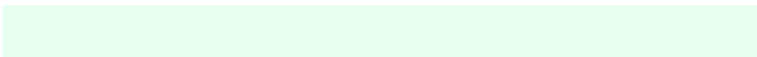
The Inverse Universe completely reimagines the original color for something new.



94, 8.755, 13.075



93, 10.262, 13.228



98, 11.252, 157.940



50, 5.277, 13.081



40, 80.673, 36.681



10, 32.706, 23.736

Previews

White Background



This preview shows how the CIE LCh color 94, 15.062, 321.599 looks on a white background.

Color Contrast Check

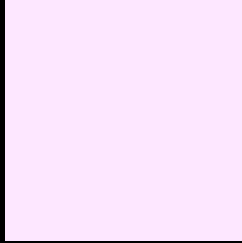
Large Text (above 18pt) WCAG AA × Fail

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, 15.062, 321.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

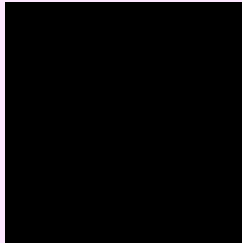
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

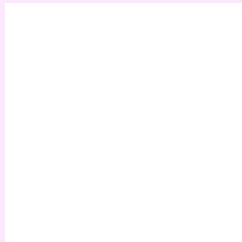
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.062, 321.599

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.062, 321.599.



This preview shows how white text looks on a background with the CIELCh color 94, 15.062, 321.599.

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, 14.614, 322.631
	Protanopia 94, 9.795, 290.948
	Deuteranopia 94, 14.614, 322.631



Tritanopia
94, 11.681, 327.705

Trichromacy



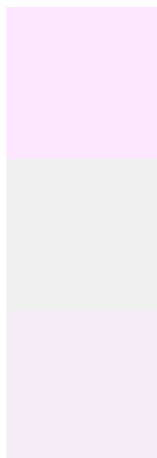
Original Color
94, 14.614, 322.631

Protanomaly
94, 11.218, 305.228

Deuteranomaly
94, 14.614, 322.631

Tritanomaly
94, 12.511, 324.856

Monochromacy



Original Color
94, 14.614, 322.631

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.019, 324.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.062, 321.599 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(253, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 255)  
}
```

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(253, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.062, 321.599 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(253, 231, 255) }
```

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

```
.border{ border-color:rgb(253, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.062, 321.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 255) }
```

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

```
.background{ background-color: rgb(253,  
231, 255) }
```

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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