

Converting Colors

CIELCh(100, 36.092, 2.704)

Have a look what the booklet for
CIELCh(100, 36.092, 2.704) contains.

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Color

CIElCh(94, 15.417, 327.148)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6FE
RGB	255, 230, 254
RGB Percent	100%, 90%, 100%
CMY	0.0000, 0.0977, 0.0035
CMYK	0.00, 0.10, 0.00, 0.00
HSL	302°, 100%, 95%
HSV	302°, 10%, 100%
XYZ	87.8728, 85.2715, 105.6786
YIQ	240.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 230, 254
Decimal	16770814
CIE _{Lab}	94.00, 12.95, -8.36
CIE _{LCh}	94, 15.417, 327.148
Yxy	85.2715, 0.3152, 0.3058
Android (android.graphics.Color)	4294960894 (0xFFFFE6FE)
YUV	240.2110, 6.7980, 12.9700
Hunter-Lab	92.3426, 8.2602, -3.2128

Details

The CIELCh color **94, 15.417, 327.148** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 15.165, 144.848**, 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, 15.305, 326.230** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.854, 326.520**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



- Red (100%)
- Green (90%)
- Blue (100%)



- Red (100%)
- Yellow (90%)
- Blue (100%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 15.417, 327.148 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, 15.417, 327.148 by changing the saturation by 10% instead.


 94, 15.417,
327.148


 94, 15.417,
327.148


 100, 15.417,
327.148


 84, 15.417,
327.148

 74, 15.417,
327.148

 64, 15.417,
327.148

 54, 15.417,
327.148

 44, 15.417,
327.148

 34, 15.417,
327.148

 24, 15.417,

327.148

■ 14, 15.417,
327.148

■ 4, 15.417, 327.148

■ 94, 15.417,
327.148

■ 94, 15.417,
327.148

■ 88, 30.854,
326.520

100, 0.012,
296.813

■ 82, 46.396,
327.080

■ 77, 61.449,
327.620

■ 72, 75.523,
328.124

■ 68, 88.022,
328.578

■ 64, 98.313,
328.970

■ 62, 105.856,
329.292

■ 61, 110.387,
329.545

■ 60, 112.258,
329.743

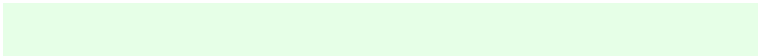
Harmonies

Complementary

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



94, 15.417, 327.148



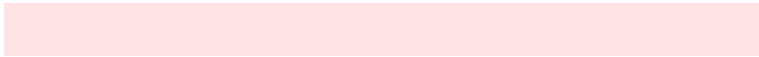
98, 15.165, 144.848

Rectangle

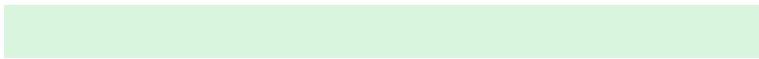
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.417, 327.148



94, 15.417, 17.148



94, 15.417, 147.148



94, 15.417, 197.148

Sweetspot

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



94, 15.189, 325.944



98, 4.647, 325.516



92, 12.908, 292.456



52, 3.524, 325.576



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, 15.189, 325.944



93, 18.679, 326.074



94, 10.733, 346.292



50, 8.838, 325.929



45, 90.487, 329.721



12, 41.770, 329.535

Inverse Universe

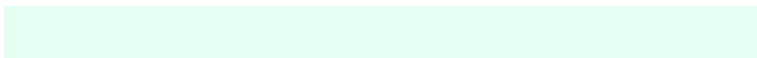
The Inverse Universe completely reimagines the original color for something new.



94, 15.189, 325.944



93, 18.679, 326.074



98, 10.572, 164.686



50, 8.838, 325.929



45, 90.487, 329.721



12, 41.770, 329.535

Previews

White Background



This preview shows how the CIE LCh color 94, 15.417, 327.148 looks on a white background.

Color Contrast Check

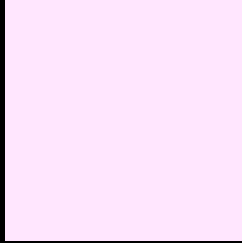
Large Text (above 18pt) WCAG AA × Fail

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, 15.417, 327.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

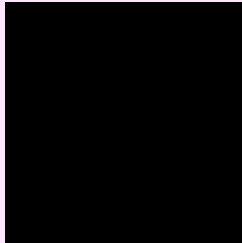
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

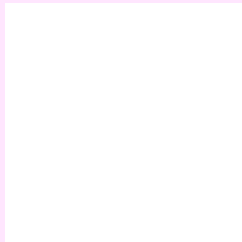
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.417, 327.148

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.417, 327.148.

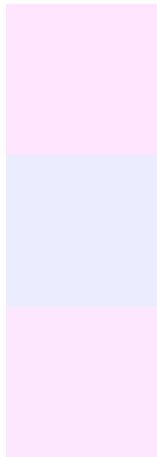


This preview shows how white text looks on a background with the CIELCh color 94, 15.417, 327.148.

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, 15.202, 326.058

Protanopia

94, 9.795, 290.948

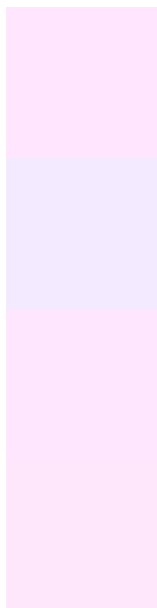
Deuteranopia

94, 14.183, 323.730



Tritanopia
94, 12.357, 331.690

Trichromacy



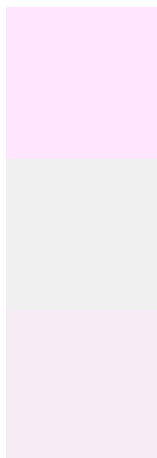
Original Color
94, 15.202, 326.058

Protanomaly
94, 11.310, 306.927

Deuteranomaly
94, 14.375, 324.921

Tritanomaly
94, 13.141, 328.726

Monochromacy



Original Color
94, 15.202, 326.058

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 5.647, 324.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.417, 327.148 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(255, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.417, 327.148 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(255, 230, 254) }
```

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

```
.border{ border-color:rgb(255, 230, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.417, 327.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 254) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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