

Converting Colors

CIELCh(94, 10.279, 346.735)

Have a look what the booklet for
CIELCh(94, 10.279, 346.735)
contains.

CIELCh(94, 9.975, 345.565)	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, 9.975, 345.565)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8F3
RGB	255, 232, 243
RGB Percent	100%, 91%, 95%
CMY	0.0008, 0.0910, 0.0479
CMYK	0.00, 0.09, 0.05, 0.00
HSL	331°, 98%, 95%
HSV	331°, 9%, 100%
XYZ	86.1035, 85.2715, 96.5462
YIQ	240.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

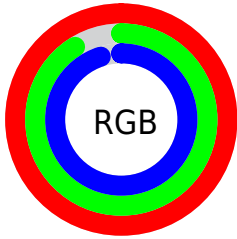
Format	Color
R_{YB}	255, 232, 243
Decimal	16771315
CIE Lab	94.00, 9.66, -2.49
CIE LCh	94, 9.975, 345.565
Yxy	85.2715, 0.3214, 0.3183
Android (android.graphics.Color)	4294961395 (0xFFFFE8F3)
YUV	240.1310, 1.4144, 13.0401
Hunter-Lab	92.3426, 4.8401, 2.6508

Details

The CIELCh color `94, 9.975, 345.565` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 9.838, 164.120`, 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, 10.175, 344.543` is the 20% darker color. If you saturate the color by 10%, you get `88, 21.268, 346.548`, and if you desaturate by 10%, it is `100, 0.074, 208.405`.

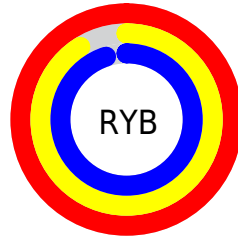
Distribution



Red (100%)

Green (91%)

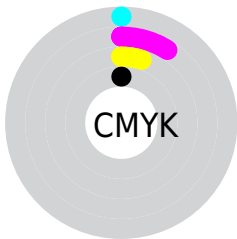
Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

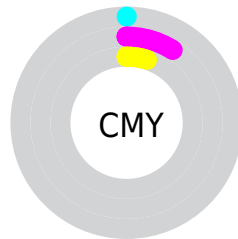


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.975, 345.565 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, 9.975, 345.565 by changing the saturation by 10% instead.

 94, 9.975, 345.565

 94, 9.975, 345.565

 100, 9.975,
345.565

 84, 9.975, 345.565

 74, 9.975, 345.565

 64, 9.975, 345.565

 54, 9.975, 345.565

 44, 9.975, 345.565

 34, 9.975, 345.565

 24, 9.975, 345.565

 14, 9.975, 345.565

 4, 9.975, 345.565

94, 9.975, 345.565

94, 9.975, 345.565

88, 21.268,
346.548

100, 0.074,
208.405

81, 32.687,
347.629

76, 43.986,
348.865

70, 54.798,
350.314

65, 64.623,
352.057

61, 72.871,
354.208

58, 78.990,
356.920

56, 82.685, 0.366

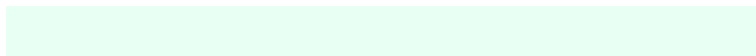
Harmonies

Complementary

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



94, 9.975, 345.565



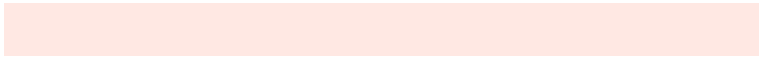
98, 9.838, 164.120

Rectangle

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



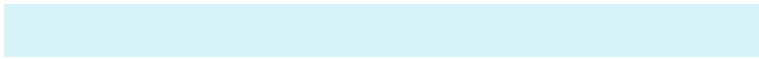
94, 9.975, 345.565



94, 9.975, 35.565



94, 9.975, 165.565



94, 9.975, 215.565

Sweetspot

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



94, 9.972, 345.570



98, 3.294, 344.944



93, 12.614, 310.038



52, 2.499, 345.044



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, 9.972, 345.570



93, 12.195, 345.759



94, 8.181, 21.265



50, 6.291, 345.616



41, 68.069, 4.207



10, 31.680, 358.271

Inverse Universe

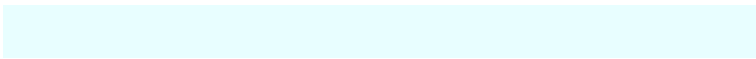
The Inverse Universe completely reimagines the original color for something new.



94, 9.972, 345.570



93, 12.195, 345.759



98, 7.721, 200.457



50, 6.291, 345.616



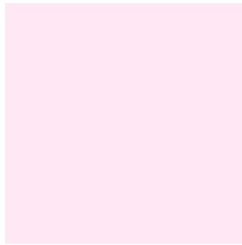
41, 68.069, 4.207



10, 31.680, 358.271

Previews

White Background



This preview shows how the CIELCh color 94, 9.975, 345.565 looks on a white background.

Color Contrast Check

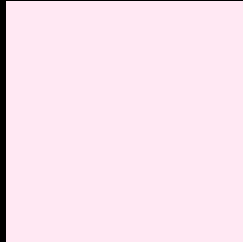
Large Text (above 18pt) WCAG AA × Fail

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, 9.975, 345.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

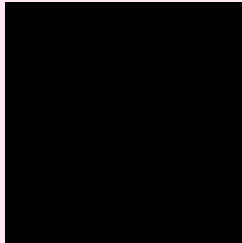
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.975, 345.565

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.975, 345.565.

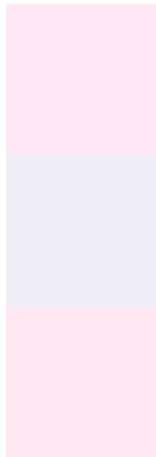


This preview shows how white text looks on a background with the CIELCh color 94, 9.975, 345.565.

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, 9.975, 345.565

Protanopia

94, 4.772, 303.233

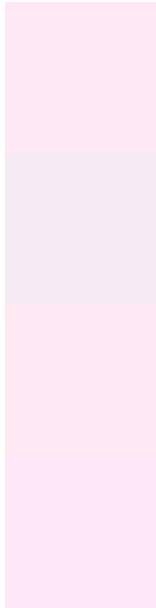
Deuteranopia

94, 9.699, 348.074



Tritanopia
94, 12.592, 332.927

Trichromacy



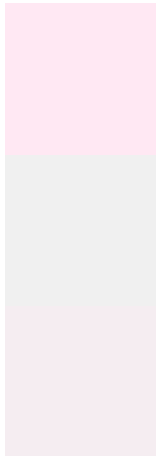
Original Color
94, 9.975, 345.565

Protanomaly
94, 6.275, 324.619

Deuteranomaly
94, 9.699, 348.074

Tritanomaly
94, 11.865, 336.301

Monochromacy



Original Color
94, 9.975, 345.565

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 3.524, 343.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.975, 345.565 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, 232, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 243)  
}
```

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, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.975, 345.565 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, 232, 243) }
```

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

```
.border{ border-color:rgb(255, 232, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.975, 345.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 243) }
```

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

```
.background{ background-color: rgb(255,  
232, 243) }
```

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