

Converting Colors

CIELCh(97, 23.450, 6.789)

Have a look what the booklet for
CIELCh(97, 23.450, 6.789) contains.

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Color

CIElCh(94, 10.865, 345.542)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F3
RGB	255, 231, 243
RGB Percent	100%, 91%, 95%
CMY	0.0000, 0.0932, 0.0461
CMYK	0.00, 0.09, 0.05, 0.00
HSL	330°, 100%, 95%
HSV	330°, 9%, 100%
XYZ	86.5639, 85.2715, 96.8874
YIQ	239.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

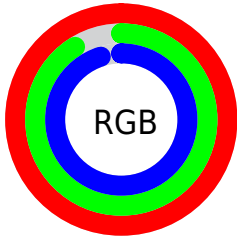
Format	Color
R _Y B	255, 231, 243
Decimal	16771059
CIE Lab	94.00, 10.52, -2.71
CIE LCh	94, 10.865, 345.542
Yxy	85.2715, 0.3221, 0.3173
Android (android.graphics.Color)	4294961139 (0xFFFFE7F3)
YUV	239.5440, 1.7038, 13.5549
Hunter-Lab	92.3426, 5.7302, 2.4317

Details

The CIELCh color `94, 10.865, 345.542` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 10.365, 162.626`, 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, 10.800, 343.418` is the 20% darker color. If you saturate the color by 10%, you get `87, 21.990, 345.048`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

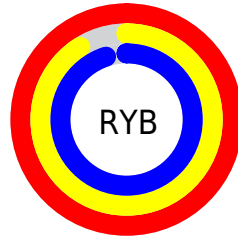
Distribution



Red (100%)

Green (91%)

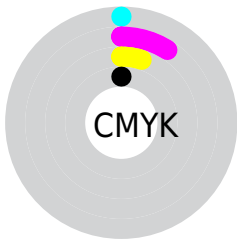
Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

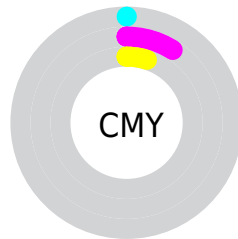


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.865, 345.542 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, 10.865, 345.542 by changing the saturation by 10% instead.

 94, 10.865,
345.542


 94, 10.865,
345.542

 100, 10.865,
345.542


 84, 10.865,
345.542


 74, 10.865,
345.542

 64, 10.865,
345.542

 54, 10.865,
345.542

 44, 10.865,
345.542

 34, 10.865,
345.542

 24, 10.865,

345.542

■ 14, 10.865,
345.542

■ 4, 10.865, 345.542

■ 94, 10.865,
345.542

■ 94, 10.865,
345.542

■ 87, 21.990,
345.048

100, 0.012,
296.813

■ 81, 33.582,
346.094

■ 75, 45.014,
347.283

■ 70, 55.907,
348.667

■ 65, 65.747,
350.320

■ 61, 73.933,
352.348

■ 58, 79.902,
354.894

■ 56, 83.352,
358.125

■ 55, 84.623, 2.133

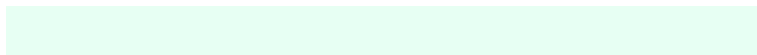
Harmonies

Complementary

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



94, 10.865, 345.542



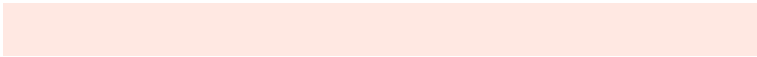
98, 10.365, 162.626

Rectangle

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



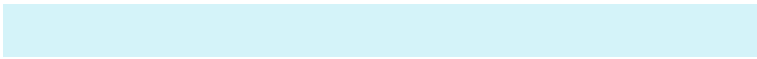
94, 10.865, 345.542



94, 10.865, 35.542



94, 10.865, 165.542



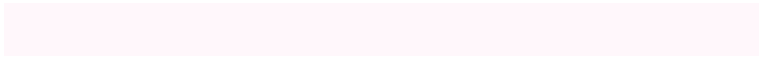
94, 10.865, 215.542

Sweetspot

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



94, 10.494, 344.099



98, 3.356, 343.463



93, 12.949, 308.902



52, 2.545, 343.560



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

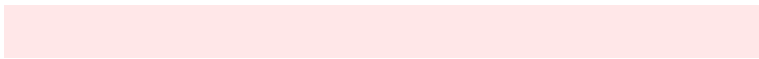
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.494, 344.099



93, 12.415, 344.255



94, 8.600, 18.579



50, 6.406, 344.116



41, 68.307, 1.601



10, 31.921, 356.085

Inverse Universe

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



94, 10.494, 344.099



93, 12.415, 344.255



98, 8.119, 197.544



50, 6.406, 344.116



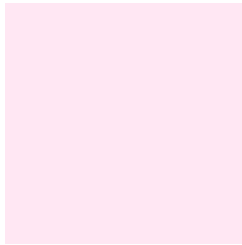
41, 68.307, 1.601



10, 31.921, 356.085

Previews

White Background



This preview shows how the CIELCh color 94, 10.865, 345.542 looks on a white background.

Color Contrast Check

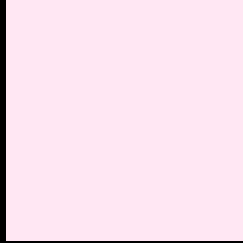
Large Text (above 18pt) WCAG AA × Fail

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, 10.865, 345.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

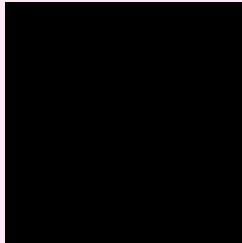
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.865, 345.542

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.865, 345.542.



This preview shows how white text looks on a background with the CIELCh color 94, 10.865, 345.542.

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](#).

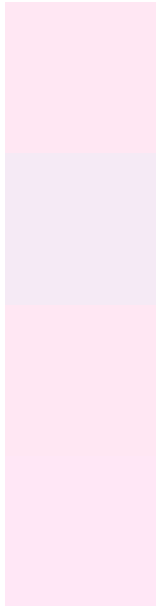
Dichromacy

	Original Color 94, 10.565, 344.400
	Protanopia 94, 5.279, 302.026
	Deuteranopia 94, 10.565, 344.400



Tritanopia
94, 12.223, 334.562

Trichromacy



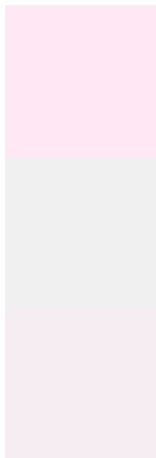
Original Color
94, 10.565, 344.400

Protanomaly
94, 6.904, 324.646

Deuteranomaly
94, 10.565, 344.400

Tritanomaly
94, 11.519, 338.149

Monochromacy



Original Color
94, 10.565, 344.400

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, 10.865, 345.542 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, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.865, 345.542 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, 231, 243) }
```

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

```
.border{ border-color:rgb(255, 231, 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, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.865, 345.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 243) }
```

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

```
.background{ background-color: rgb(255,  
231, 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](#).

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