

Converting Colors

CIE LCh(95, 8.509, 344.230)

Have a look what the booklet for
CIELCh(95, 8.509, 344.230) contains.

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Color

CIELCh(95, 8.198, 345.671)

Conversions

Conversions Part 1

Format	Color
Hex	FFECF5
RGB	255, 236, 245
RGB Percent	100%, 93%, 96%
CMY	0.0011, 0.0755, 0.0403
CMYK	0.00, 0.07, 0.04, 0.00
HSL	332°, 97%, 96%
HSV	332°, 7%, 100%
XYZ	87.4955, 87.6183, 98.4680
YIQ	242.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

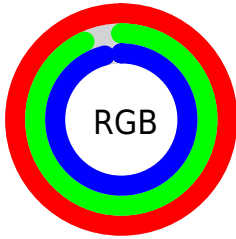
Format	Color
R _Y B	255, 236, 245
Decimal	16772341
CIE Lab	95.00, 7.94, -2.03
CIE LCh	95, 8.198, 345.671
Yxy	87.6183, 0.3198, 0.3203
Android (android.graphics.Color)	4294962421 (0xFFFFE0F5)
YUV	242.7070, 1.1304, 10.7810
Hunter-Lab	93.6047, 3.0419, 3.1528

Details

The CIELCh color `95, 8.198, 345.671` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 8.098, 164.524`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.305, 344.357` is the 20% darker color. If you saturate the color by 10%, you get `89, 19.423, 346.651`, and if you desaturate by 10%, it is `100, 0.095, 206.384`.

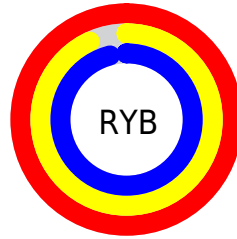
Distribution



Red (100%)

Green (93%)

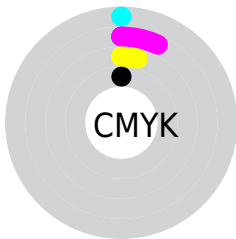
Blue (96%)



Red (100%)

Yellow (93%)

Blue (96%)

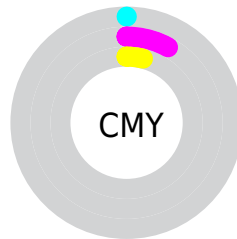


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.198, 345.671 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 95, 8.198, 345.671 by changing the saturation by 10% instead.

 95, 8.198, 345.671

 95, 8.198, 345.671

 100, 8.198,
345.671

 85, 8.198, 345.671

 75, 8.198, 345.671

 65, 8.198, 345.671

 55, 8.198, 345.671

 45, 8.198, 345.671

 35, 8.198, 345.671

 25, 8.198, 345.671

 15, 8.198, 345.671

 5, 8.198, 345.671

95, 8.198, 345.671

95, 8.198, 345.671

89, 19.423,
346.651

100, 0.095,
206.384

82, 30.807,
347.719

76, 42.121,
348.936

71, 53.020,
350.358

66, 63.028,
352.064

62, 71.565,
354.164

58, 78.061,
356.806

56, 82.166, 0.164

Harmonies

Complementary

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



95, 8.198, 345.671



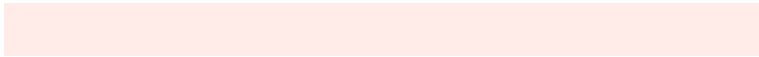
98, 8.098, 164.524

Rectangle

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



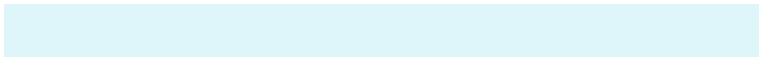
95, 8.198, 345.671



95, 8.198, 35.671



95, 8.198, 165.671



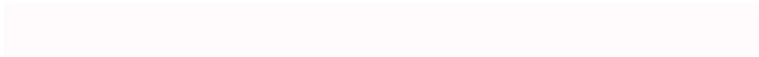
95, 8.198, 215.671

Sweetspot

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



95, 8.195, 345.677



99, 2.188, 345.039



95, 10.397, 309.963



53, 1.244, 345.019



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

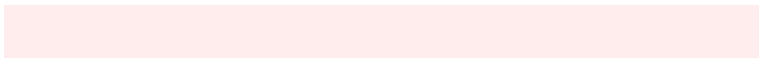
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.195, 345.677



94, 9.922, 345.826



95, 6.715, 21.148



50, 6.272, 345.875



41, 68.045, 4.650



10, 31.644, 358.645

Inverse Universe

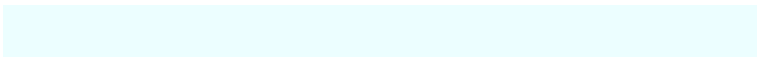
The Inverse Universe completely reimagines the original color for something new.



95, 8.195, 345.677



94, 9.922, 345.826



98, 6.403, 200.550



50, 6.272, 345.875



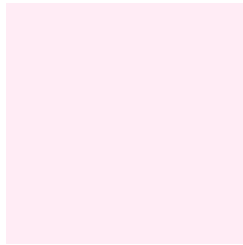
41, 68.045, 4.650



10, 31.644, 358.645

Previews

White Background



This preview shows how the CIE LCh color 95, 8.198, 345.671 looks on a white background.

Color Contrast Check

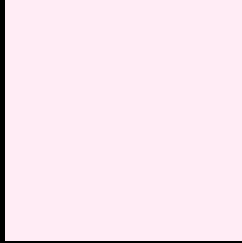
Large Text (above 18pt) WCAG AA × Fail

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 95, 8.198, 345.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

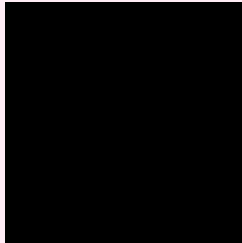
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.198, 345.671

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.198, 345.671.

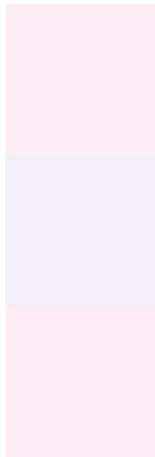


This preview shows how white text looks on a background with the CIELCh color 95, 8.198, 345.671.

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

95, 8.198, 345.671

Protanopia

95, 4.368, 309.179

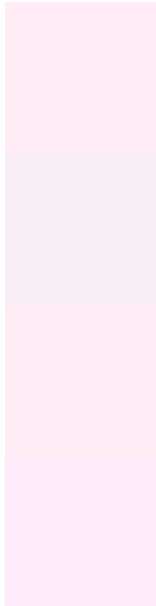
Deuteranopia

95, 7.925, 348.738



Tritanopia
95, 11.254, 329.283

Trichromacy



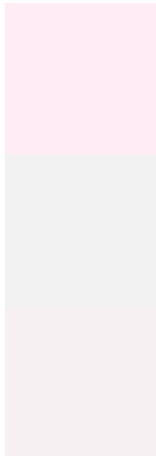
Original Color
95, 8.198, 345.671

Protanomaly
95, 5.223, 327.760

Deuteranomaly
95, 7.925, 348.738

Tritanomaly
95, 10.113, 334.785

Monochromacy



Original Color
95, 8.198, 345.671

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.933, 347.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.198, 345.671 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, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 245)  
}
```

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, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.198, 345.671 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, 236, 245) }
```

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

```
.border{ border-color:rgb(255, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.198, 345.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 245) }
```

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

```
.background{ background-color: rgb(255,  
236, 245) }
```

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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