

Converting Colors

CIELCh(100, 27.355, 5.331)

Have a look what the booklet for
CIELCh(100, 27.355, 5.331) contains.

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Color

CIELCh(95, 10.239, 331.333)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBFA
RGB	254, 235, 250
RGB Percent	100%, 92%, 98%
CMY	0.0029, 0.0773, 0.0185
CMYK	0.00, 0.07, 0.02, 0.00
HSL	313°, 93%, 96%
HSV	313°, 7%, 100%
XYZ	88.0585, 87.6183, 102.9372
YIQ	242.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

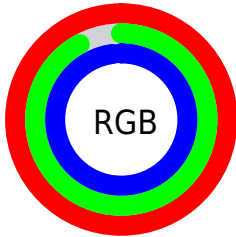
Format	Color
R_{YB}	254, 235, 250
Decimal	16706554
CIE Lab	95.00, 8.98, -4.91
CIE LCh	95, 10.239, 331.333
Yxy	87.6183, 0.3161, 0.3145
Android (android.graphics.Color)	4294896634 (0xFFFEEBFA)
YUV	242.3910, 3.7512, 10.1811
Hunter-Lab	93.6047, 4.1155, 0.3220

Details

The CIELCh color `95, 10.239, 331.333` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 10.202, 150.449`, 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, 10.516, 329.912` is the 20% darker color. If you saturate the color by 10%, you get `89, 24.085, 332.008`, and if you desaturate by 10%, it is `100, 0.253, 202.010`.

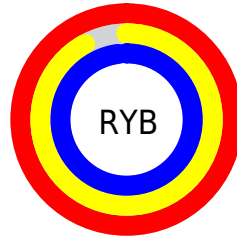
Distribution



Red (100%)

Green (92%)

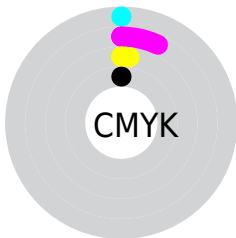
Blue (98%)



Red (100%)

Yellow (92%)

Blue (98%)

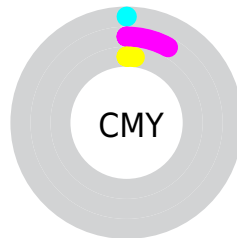


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.239, 331.333 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, 10.239, 331.333 by changing the saturation by 10% instead.


 95, 10.239,
331.333


 95, 10.239,
331.333


 100, 10.239,
331.333


 85, 10.239,
331.333

 75, 10.239,
331.333

 65, 10.239,
331.333

 55, 10.239,
331.333

 45, 10.239,
331.333

 35, 10.239,
331.333

 25, 10.239,

331.333

■ 15, 10.239,
331.333

■ 5, 10.239, 331.333

■ 95, 10.239,
331.333

■ 95, 10.239,
331.333

■ 89, 24.085,
332.008

100, 0.253,
202.010

■ 83, 37.921,
332.693

■ 77, 51.446,
333.401

■ 72, 64.235,
334.135

■ 67, 75.735,
334.904

■ 64, 85.310,
335.720

■ 61, 92.348,
336.608

■ 59, 96.441,
337.606

■ 58, 97.628,
338.756

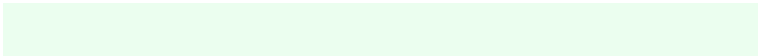
Harmonies

Complementary

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



95, 10.239, 331.333



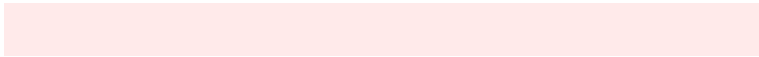
98, 10.202, 150.449

Rectangle

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



95, 10.239, 331.333



95, 10.239, 21.333



95, 10.239, 151.333



95, 10.239, 201.333

Sweetspot

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



95, 10.236, 331.335



99, 2.742, 330.889



94, 9.897, 298.522



53, 1.559, 330.876



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, 10.236, 331.335



94, 12.381, 331.439



95, 7.392, 356.592



50, 7.824, 331.473



43, 79.060, 338.838



11, 37.064, 337.297

Inverse Universe

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



95, 10.236, 331.335



94, 12.381, 331.439



98, 7.230, 175.348



50, 7.824, 331.473



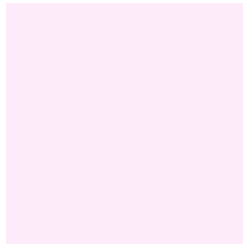
43, 79.060, 338.838



11, 37.064, 337.297

Previews

White Background



This preview shows how the CIE LCh color 95, 10.239, 331.333 looks on a white background.

Color Contrast Check

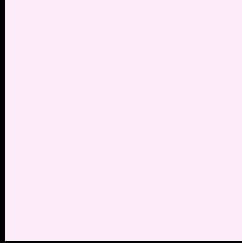
Large Text (above 18pt) WCAG AA × Fail

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, 10.239, 331.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

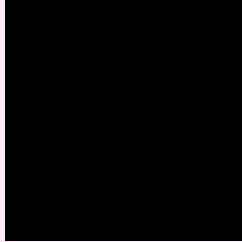
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 10.239, 331.333

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.239, 331.333.

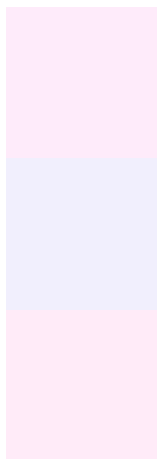


This preview shows how white text looks on a background with the CIELCh color 95, 10.239, 331.333.

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, 10.247, 331.334

Protanopia

95, 7.246, 296.212

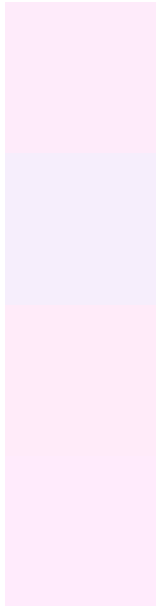
Deuteranopia

95, 9.757, 336.903



Tritanopia
95, 11.655, 327.699

Trichromacy



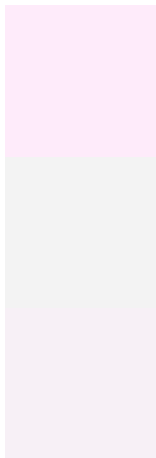
Original Color
95, 10.247, 331.334

Protanomaly
95, 7.756, 311.737

Deuteranomaly
95, 10.113, 334.785

Tritanomaly
95, 11.254, 329.283

Monochromacy



Original Color
95, 10.247, 331.334

Achromatopsia
96, 0.011, 296.813

Achromatomaly
95, 3.972, 328.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.239, 331.333 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(254, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 250)  
}
```

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(254, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.239, 331.333 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(254, 235, 250) }
```

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

```
.border{ border-color:rgb(254, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.239, 331.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 250) }
```

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

```
.background{ background-color: rgb(254,  
235, 250) }
```

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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