

Converting Colors

CIELCh(94, 9.726, 338.859)

Have a look what the booklet for
CIELCh(94, 9.726, 338.859) contains.

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Color

CIELCh(94, 10.041, 338.331)

Conversions

Conversions Part 1

Format	Color
Hex	FDE8F5
RGB	253, 232, 245
RGB Percent	99%, 91%, 96%
CMY	0.0074, 0.0898, 0.0388
CMYK	0.00, 0.08, 0.03, 0.01
HSL	323°, 85%, 95%
HSV	323°, 8%, 99%
XYZ	85.9281, 85.2715, 98.3985
YIQ	239.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

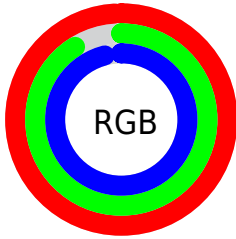
Format	Color
R _Y B	253, 232, 245
Decimal	16640245
CIE Lab	94.00, 9.33, -3.71
CIE LCh	94, 10.041, 338.331
Yxy	85.2715, 0.3187, 0.3163
Android (android.graphics.Color)	4294830325 (0xFFFDE8F5)
YUV	239.7610, 2.5828, 11.6106
Hunter-Lab	92.3426, 4.5012, 1.4615

Details

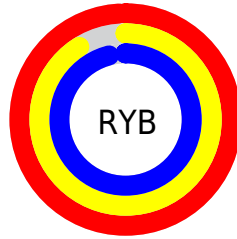
The CIELCh color **94, 10.041, 338.331** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.968, 157.174**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 10.272, 337.077** is the 20% darker color. If you saturate the color by 10%, you get **88, 22.316, 339.157**, and if you desaturate by 10%, it is **100, 0.671, 189.396**.

Distribution



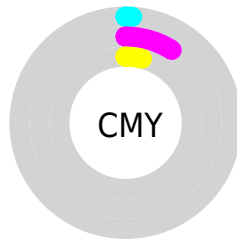
- Red (99%)
- Green (91%)
- Blue (96%)



- Red (99%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.041, 338.331 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, 10.041, 338.331 by changing the saturation by 10% instead.


 94, 10.041,
338.331


 94, 10.041,
338.331


 100, 10.041,
338.331


 84, 10.041,
338.331

 74, 10.041,
338.331

 64, 10.041,
338.331

 54, 10.041,
338.331

 44, 10.041,
338.331

 34, 10.041,
338.331

 24, 10.041,

338.331

■ 14, 10.041,
338.331

■ 4, 10.041, 338.331

■ 94, 10.041,
338.331

■ 94, 10.041,
338.331

■ 88, 22.316,
339.157

■ 100, 0.671,
189.396

■ 82, 34.635,
340.035

■ 100, 0.659,
200.370

■ 76, 46.724,
340.999

■ 71, 58.189,
342.077

■ 66, 68.499,
343.312

■ 62, 77.034,
344.766

■ 59, 83.188,
346.527

■ 57, 86.576,
348.709

■ 56, 87.338,
351.414

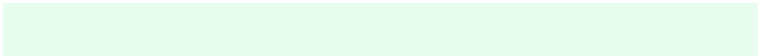
Harmonies

Complementary

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



94, 10.041, 338.331



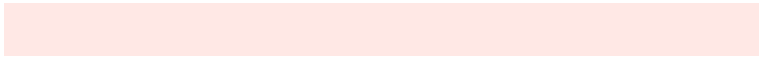
98, 9.968, 157.174

Rectangle

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



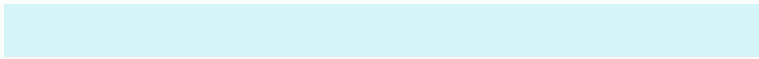
94, 10.041, 338.331



94, 10.041, 28.331



94, 10.041, 158.331



94, 10.041, 208.331

Sweetspot

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



94, 10.038, 338.334



99, 2.424, 337.726



93, 11.207, 304.717



53, 1.378, 337.709



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

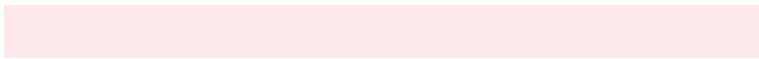
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 10.038, 338.334



94, 12.193, 338.474



94, 7.694, 9.112



50, 6.929, 338.433



42, 70.981, 351.360



11, 33.463, 347.627

Inverse Universe

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



94, 10.038, 338.334



94, 12.193, 338.474



98, 7.394, 187.860



50, 6.929, 338.433



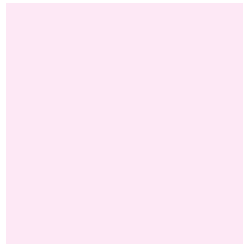
42, 70.981, 351.360



11, 33.463, 347.627

Previews

White Background



This preview shows how the CIELCh color 94, 10.041, 338.331 looks on a white background.

Color Contrast Check

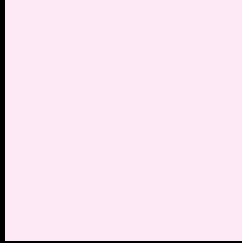
Large Text (above 18pt) WCAG AA × Fail

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, 10.041, 338.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

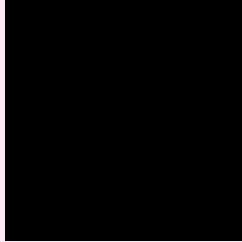
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.041, 338.331

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.041, 338.331.

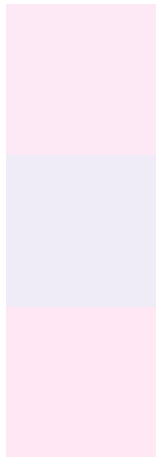


This preview shows how white text looks on a background with the CIELCh color 94, 10.041, 338.331.

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, 10.041, 338.331

Protanopia

94, 6.291, 300.211

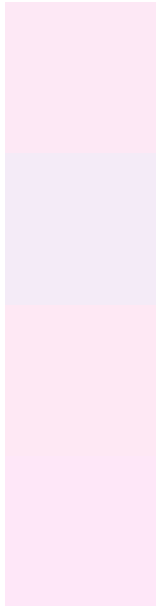
Deuteranopia

94, 10.269, 343.197



Tritanopia
94, 12.744, 330.161

Trichromacy



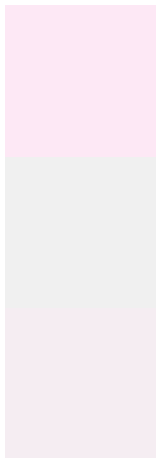
Original Color
94, 10.041, 338.331

Protanomaly
94, 6.979, 317.469

Deuteranomaly
94, 9.987, 341.932

Tritanomaly
94, 11.980, 333.318

Monochromacy



Original Color
94, 10.041, 338.331

Achromatopsia
95, 0.011, 296.813

Achromatomaly
94, 3.849, 337.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.041, 338.331 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(253, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 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(253, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.041, 338.331 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(253, 232, 245) }
```

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

```
.border{ border-color:rgb(253, 232, 245) }
```

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

Here you see how a box with a 4 pixel rgb(253, 232, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.041, 338.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 245) }
```

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

```
.background{ background-color: rgb(253,  
232, 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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