

Converting Colors

CIELCh(97, 20.162, 349.421)

Have a look what the booklet for
CIELCh(97, 20.162, 349.421)
contains.

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Color

CIElCh(95, 13.318, 326.143)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAFF
RGB	255, 234, 255
RGB Percent	100%, 92%, 100%
CMY	0.0000, 0.0819, 0.0000
CMYK	0.00, 0.08, 0.00, 0.00
HSL	300°, 100%, 96%
HSV	300°, 8%, 100%
XYZ	89.1883, 87.6183, 106.9333
YIQ	242.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 234, 255
Decimal	16771839
CIE Lab	95.00, 11.06, -7.42
CIE LCh	95, 13.318, 326.143
Yxy	87.6183, 0.3143, 0.3088
Android (android.graphics.Color)	4294961919 (0xFFFFEAF5)
YUV	242.6730, 6.0772, 10.8108
Hunter-Lab	93.6047, 6.2699, -2.2092

Details

The CIELCh color **95, 13.318, 326.143** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 13.009, 143.984**, 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, 13.107, 324.973** is the 20% darker color. If you saturate the color by 10%, you get **89, 29.074, 325.437**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



- Red (100%)
- Green (92%)
- Blue (100%)



- Red (100%)
- Yellow (92%)
- Blue (100%)



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





- Cyan (0%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.318, 326.143 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, 13.318, 326.143 by changing the saturation by 10% instead.


 95, 13.318,
326.143


 95, 13.318,
326.143


 100, 13.318,
326.143


 85, 13.318,
326.143

 75, 13.318,
326.143

 65, 13.318,
326.143

 55, 13.318,
326.143

 45, 13.318,
326.143

 35, 13.318,
326.143

 25, 13.318,

326.143

■ 15, 13.318,
326.143

■ 5, 13.318, 326.143

■ 95, 13.318,
326.143

■ 95, 13.318,
326.143

■ 89, 29.074,
325.437

100, 0.012,
296.813

■ 83, 45.033,
325.984

■ 78, 60.554,
326.504

■ 73, 75.158,
326.981

■ 69, 88.260,
327.399

■ 65, 99.229,
327.740

■ 63, 107.509,
327.992

■ 61, 112.796,
328.150

■ 60, 115.266,
328.224

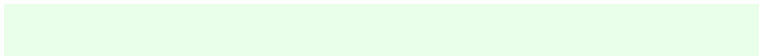
Harmonies

Complementary

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



95, 13.318, 326.143



98, 13.009, 143.984

Rectangle

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



95, 13.318, 326.143



95, 13.318, 16.143



95, 13.318, 146.143



95, 13.318, 196.143

Sweetspot

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



95, 13.031, 324.871



99, 3.176, 324.455



93, 10.777, 291.028



53, 1.806, 324.445



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, 13.031, 324.871



94, 15.934, 324.975



95, 9.176, 344.285



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Inverse Universe

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



95, 13.031, 324.871



94, 15.934, 324.975



98, 9.071, 163.017



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIELCh color 95, 13.318, 326.143 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, 13.318, 326.143 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

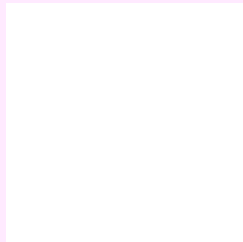
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.318, 326.143

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.318, 326.143.

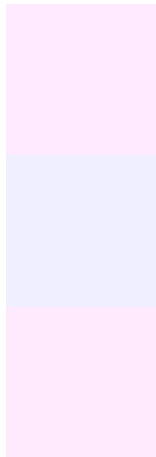


This preview shows how white text looks on a background with the CIELCh color 95, 13.318, 326.143.

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, 13.109, 324.873

Protanopia

95, 8.243, 293.212

Deuteranopia

95, 12.281, 327.579



Tritanopia
95, 12.281, 327.579

Trichromacy



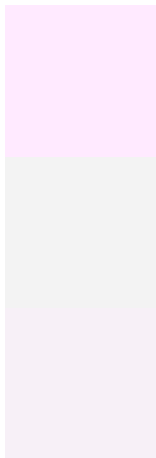
Original Color
95, 13.109, 324.873

Protanomaly
95, 9.706, 307.427

Deuteranomaly
95, 12.691, 326.181

Tritanomaly
95, 12.691, 326.181

Monochromacy



Original Color
95, 13.109, 324.873

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.384, 324.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.318, 326.143 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 255)  
}
```

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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.318, 326.143 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, 234, 255) }
```

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

```
.border{ border-color:rgb(255, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.318, 326.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 255) }
```

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

```
.background{ background-color: rgb(255,  
234, 255) }
```

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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