

Converting Colors

CIELCh(100, 85.344, 299.313)

Have a look what the booklet for
CIELCh(100, 85.344, 299.313)
contains.

CIELCh(95, 12.731, 322.231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 12.731, 322.231)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEEBFF</code>
RGB	<code>254, 235, 255</code>
RGB Percent	<code>100%, 92%, 100%</code>
CMY	<code>0.0046, 0.0792, 0.0000</code>
CMYK	<code>0.00, 0.08, 0.00, 0.00</code>
HSL	<code>297°, 100%, 96%</code>
HSV	<code>297°, 8%, 100%</code>
XYZ	<code>88.6450, 87.6183, 107.5440</code>
YIQ	<code>242.9610, 4.9040, 10.2480</code>

Conversions

Conversions Part 2

Format	Color
R _{YB}	254, 235, 255
Decimal	16706559
CIE Lab	95.00, 10.06, -7.80
CIE LCh	95, 12.731, 322.231
Yxy	87.6183, 0.3123, 0.3087
Android (android.graphics.Color)	4294896639 (0xFFFEEBFF)
YUV	242.9610, 5.9352, 9.6812
Hunter-Lab	93.6047, 5.2339, -2.5960

Details

The CIELCh color $95, 12.731, 322.231$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 12.339, 142.468$, 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 $75, 12.247, 323.497$ is the 20% darker color. If you saturate the color by 10%, you get $89, 28.154, 323.786$, 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, 12.731, 322.231 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, 12.731, 322.231 by changing the saturation by 10% instead.


 95, 12.731,
322.231


 95, 12.731,
322.231


 100, 12.731,
322.231


 85, 12.731,
322.231

 75, 12.731,
322.231

 65, 12.731,
322.231

 55, 12.731,
322.231

 45, 12.731,
322.231

 35, 12.731,
322.231

 25, 12.731,

322.231

■ 15, 12.731,
322.231

■ 5, 12.731, 322.231

■ 95, 12.731,
322.231

■ 95, 12.731,
322.231

■ 89, 28.154,
323.786

100, 0.012,
296.813

■ 83, 43.915,
324.297

■ 77, 59.336,
324.780

■ 72, 73.971,
325.217

■ 68, 87.249,
325.585

■ 64, 98.526,
325.858

■ 61, 107.189,
326.016

■ 59, 112.845,
326.042

■ 58, 115.568,
325.938

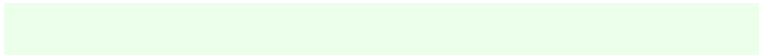
Harmonies

Complementary

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



95, 12.731, 322.231



98, 12.339, 142.468

Rectangle

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



95, 12.731, 322.231



95, 12.731, 12.231



95, 12.731, 142.231



95, 12.731, 192.231

Sweetspot

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



95, 12.372, 323.257



99, 3.118, 322.883



94, 9.715, 288.228



53, 1.773, 322.873



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, 12.372, 323.257



94, 14.077, 323.316



95, 9.284, 340.799



50, 8.896, 323.343



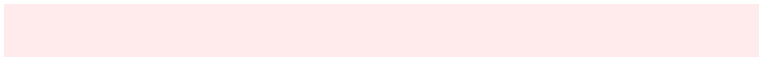
43, 93.382, 325.947



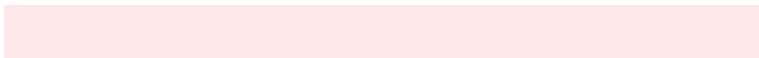
11, 42.939, 326.219

Inverse Universe

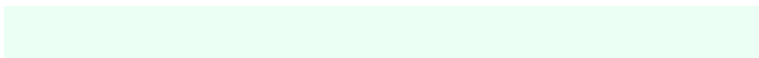
The Inverse Universe completely reimagines the original color for something new.



95, 7.283, 15.086



94, 8.314, 15.187



98, 9.206, 159.649



50, 5.261, 15.234



40, 81.806, 37.804



10, 32.902, 24.834

Previews

White Background



This preview shows how the CIE LCh color 95, 12.731, 322.231 looks on a white background.

Color Contrast Check

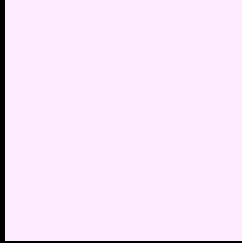
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 12.731, 322.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

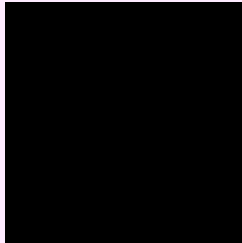
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 12.731, 322.231

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.731, 322.231.

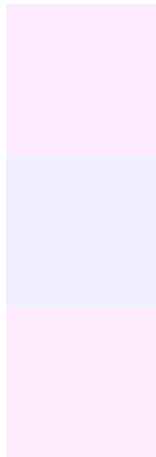


This preview shows how white text looks on a background with the CIELCh color 95, 12.731, 322.231.

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, 12.289, 323.483

Protanopia

95, 8.243, 293.212

Deuteranopia

95, 11.655, 327.699



Tritanopia
95, 11.864, 324.829

Trichromacy



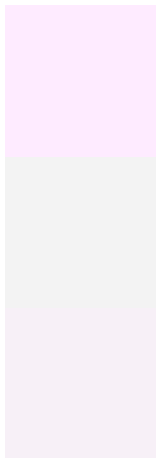
Original Color
95, 12.289, 323.483

Protanomaly
95, 9.706, 307.427

Deuteranomaly
95, 12.064, 326.225

Tritanomaly
95, 11.864, 324.829

Monochromacy



Original Color
95, 12.289, 323.483

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, 12.731, 322.231 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 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(254, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.731, 322.231 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, 255) }
```

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

```
.border{ border-color:rgb(254, 235, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.731, 322.231 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, 255) }
```

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

```
.background{ background-color: rgb(254,  
235, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor