

Converting Colors

CIELCh(100, 61.669, 304.108)

Have a look what the booklet for
CIELCh(100, 61.669, 304.108)
contains.

CIELCh(95, 11.855, 324.828)	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, 11.855, 324.828)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBFE
RGB	254, 235, 254
RGB Percent	100%, 92%, 100%
CMY	0.0041, 0.0785, 0.0041
CMYK	0.00, 0.07, 0.00, 0.00
HSL	300°, 90%, 96%
HSV	300°, 7%, 100%
XYZ	88.4420, 87.6183, 105.9827
YIQ	242.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 235, 254
Decimal	16706558
CIE Lab	95.00, 9.69, -6.83
CIE LCh	95, 11.855, 324.828
Yxy	87.6183, 0.3136, 0.3107
Android (android.graphics.Color)	4294896638 (0xFFFEEBFE)
YUV	242.8470, 5.4984, 9.7812
Hunter-Lab	93.6047, 4.8469, -1.6071

Details

The CIELCh color **95, 11.855, 324.828** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 11.831, 144.030**, 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, 11.801, 324.918** is the 20% darker color. If you saturate the color by 10%, you get **89, 27.837, 325.396**, and if you desaturate by 10%, it is **100, 0.634, 144.904**.

Distribution



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



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.855, 324.828 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, 11.855, 324.828 by changing the saturation by 10% instead.


 95, 11.855,
324.828


 95, 11.855,
324.828


 100, 11.855,
324.828


 85, 11.855,
324.828

 75, 11.855,
324.828

 65, 11.855,
324.828

 55, 11.855,
324.828

 45, 11.855,
324.828

 35, 11.855,
324.828

 25, 11.855,

324.828

■ 15, 11.855,
324.828

■ 5, 11.855, 324.828

■ 95, 11.855,
324.828

■ 95, 11.855,
324.828

■ 89, 27.837,
325.396

100, 0.634,
144.904

■ 83, 43.760,
325.944

100, 0.633,
144.886

■ 78, 59.276,
326.467

100, 0.633,
144.869

■ 73, 73.916,
326.948

100, 0.633,
144.851

■ 69, 87.105,
327.370

100, 0.633,
144.834

■ 65, 98.211,
327.717

100, 0.633,
144.817

■ 63, 106.674,
327.976

100, 0.633,
144.799

■ 61, 112.164,
328.141

100, 0.633,
144.782

■ 60, 114.790,
328.219

100, 0.632,
144.764

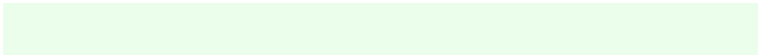
Harmonies

Complementary

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



95, 11.855, 324.828



98, 11.831, 144.030

Rectangle

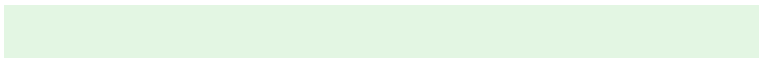
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 11.855, 324.828



95, 11.855, 14.828



95, 11.855, 144.828



95, 11.855, 194.828

Sweetspot

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



95, 11.852, 324.828



99, 3.176, 324.454



94, 9.627, 290.292



53, 1.806, 324.444



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, 11.852, 324.828



94, 14.333, 324.917



95, 8.437, 343.323



50, 9.057, 324.946



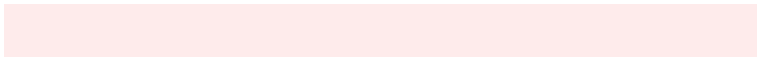
45, 93.083, 328.231



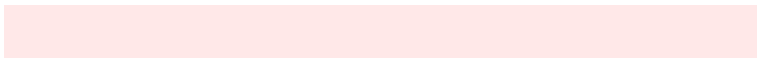
12, 42.823, 328.232

Inverse Universe

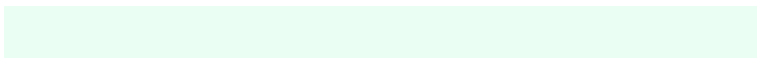
The Inverse Universe completely reimagines the original color for something new.



95, 6.828, 19.777



94, 8.300, 19.901



98, 8.352, 162.205



49, 5.254, 19.941



40, 84.228, 39.999



10, 33.367, 27.175

Previews

White Background



This preview shows how the CIELCh color 95, 11.855, 324.828 looks on a white background.

Color Contrast Check

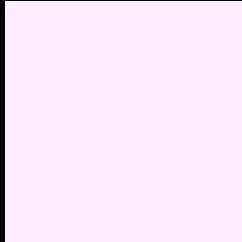
Large Text (above 18pt) WCAG AA × Fail

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, 11.855, 324.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

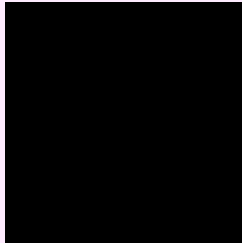
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

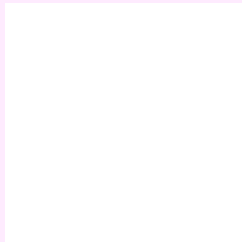
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.855, 324.828

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.855, 324.828.

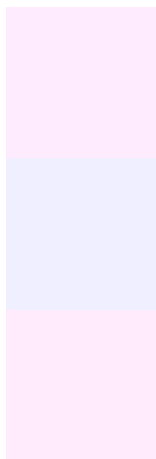


This preview shows how white text looks on a background with the CIELCh color 95, 11.855, 324.828.

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, 11.864, 324.829

Protanopia

95, 8.243, 293.212

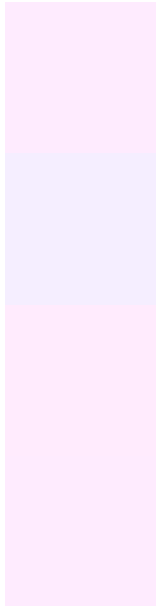
Deuteranopia

95, 11.254, 329.283



Tritanopia
95, 11.864, 324.829

Trichromacy



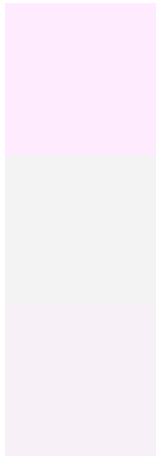
Original Color
95, 11.864, 324.829

Protanomaly
95, 9.107, 306.246

Deuteranomaly
95, 11.655, 327.699

Tritanomaly
95, 11.864, 324.829

Monochromacy



Original Color
95, 11.864, 324.829

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, 11.855, 324.828 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, 254)` looks like.

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

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, 254) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 95, 11.855, 324.828 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, 254) }
```

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

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

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, 254)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 95, 11.855, 324.828 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, 254) }
```

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

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

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