

Converting Colors

CIELCh(100, 27.726, 3.639)

Have a look what the booklet for
CIELCh(100, 27.726, 3.639) contains.

CIELCh(95, 11.029, 327.836)	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, 11.029, 327.836)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBFC
RGB	254, 235, 252
RGB Percent	100%, 92%, 99%
CMY	0.0035, 0.0779, 0.0113
CMYK	0.00, 0.07, 0.01, 0.00
HSL	306°, 91%, 96%
HSV	306°, 7%, 100%
XYZ	88.2496, 87.6183, 104.4539
YIQ	242.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

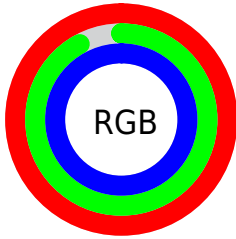
Format	Color
RYB	254, 235, 252
Decimal	16706556
CIELab	95.00, 9.34, -5.87
CIELCh	95, 11.029, 327.836
Yxy	87.6183, 0.3148, 0.3126
Android (android.graphics.Color)	4294896636 (0xFFFEEBFC)
YUV	242.6190, 4.6248, 9.9811
Hunter-Lab	93.6047, 4.4800, -0.6387

Details

The CIELCh color **95, 11.029, 327.836** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 11.001, 147.007**, 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, 10.934, 328.114** is the 20% darker color. If you saturate the color by 10%, you get **89, 25.916, 328.447**, and if you desaturate by 10%, it is **100, 0.322, 182.542**.

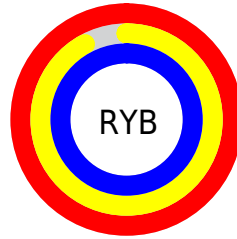
Distribution



Red (100%)

Green (92%)

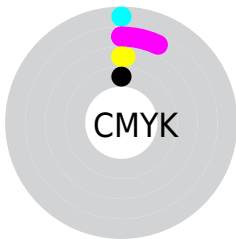
Blue (99%)



Red (100%)

Yellow (92%)

Blue (99%)

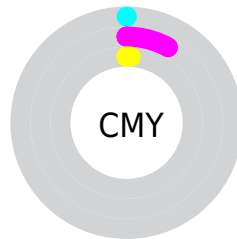


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.029, 327.836 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, 11.029, 327.836 by changing the saturation by 10% instead.


 95, 11.029,
327.836


 95, 11.029,
327.836


 100, 11.029,
327.836


 85, 11.029,
327.836


 75, 11.029,
327.836

 65, 11.029,
327.836

 55, 11.029,
327.836

 45, 11.029,
327.836

 35, 11.029,
327.836

 25, 11.029,

327.836

■ 15, 11.029,
327.836

■ 5, 11.029, 327.836

■ 95, 11.029,
327.836

■ 95, 11.029,
327.836

■ 89, 25.916,
328.447

100, 0.322,
182.542

■ 83, 40.765,
329.050

100, 0.307,
201.548

■ 78, 55.251,
329.649

■ 72, 68.929,
330.236

■ 68, 81.232,
330.805

■ 64, 91.527,
331.350

■ 62, 99.220,
331.872

■ 60, 103.939,
332.381

■ 59, 105.750,
332.893

Harmonies

Complementary

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



95, 11.029, 327.836



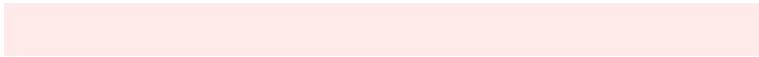
98, 11.001, 147.007

Rectangle

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



95, 11.029, 327.836



95, 11.029, 17.836



95, 11.029, 147.836



95, 11.029, 197.836

Sweetspot

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



95, 11.026, 327.837



99, 2.954, 327.434



94, 9.824, 294.749



53, 1.680, 327.422



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, 11.026, 327.837



94, 13.334, 327.932



95, 7.821, 350.026



50, 8.426, 327.963



44, 85.691, 332.934



12, 39.815, 332.309

Inverse Universe

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



95, 11.026, 327.837



94, 13.334, 327.932



98, 7.699, 168.814



50, 8.426, 327.963



44, 85.691, 332.934



12, 39.815, 332.309

Previews

White Background



This preview shows how the CIE LCh color 95, 11.029, 327.836 looks on a white background.

Color Contrast Check

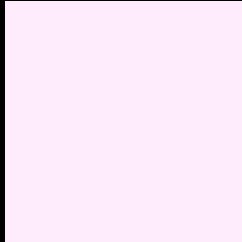
Large Text (above 18pt) WCAG AA × Fail

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, 11.029, 327.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

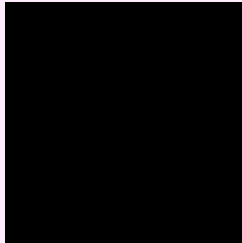
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

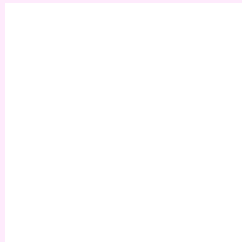
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.029, 327.836

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.029, 327.836.

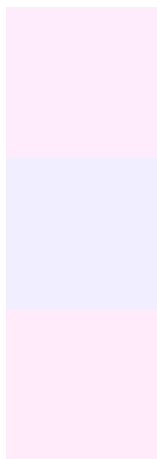


This preview shows how white text looks on a background with the CIELCh color 95, 11.029, 327.836.

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, 11.037, 327.838

Protanopia

95, 8.269, 295.594

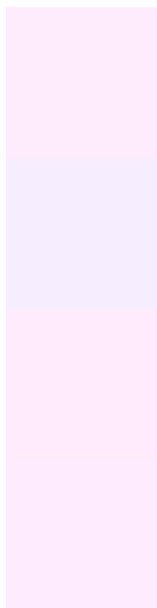
Deuteranopia

95, 10.481, 332.816



Tritanopia
95, 11.446, 326.278

Trichromacy



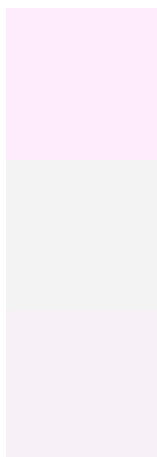
Original Color
95, 11.037, 327.838

Protanomaly
95, 8.721, 309.333

Deuteranomaly
95, 10.862, 330.985

Tritanomaly
95, 11.446, 326.278

Monochromacy



Original Color
95, 11.037, 327.838

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, 11.029, 327.836 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.029, 327.836 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, 252) }
```

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

```
.border{ border-color:rgb(254, 235, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.029, 327.836 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, 252) }
```

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

```
.background{ background-color: rgb(254,  
235, 252) }
```

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