

Converting Colors

CIELCh(100, 30.187, 316.004)

Have a look what the booklet for
CIELCh(100, 30.187, 316.004)
contains.

CIELCh(97, 8.100, 324.685)	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(97, 8.100, 324.685)

Conversions

Conversions Part 1	
Format	Color
Hex	FFF3FF
RGB	255, 243, 255
RGB Percent	100%, 95%, 100%
CMY	0.0000, 0.0489, 0.0000
CMYK	0.00, 0.05, 0.00, 0.00
HSL	300°, 100%, 98%
HSV	300°, 5%, 100%
XYZ	91.4873, 92.4403, 108.0846
YIQ	247.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

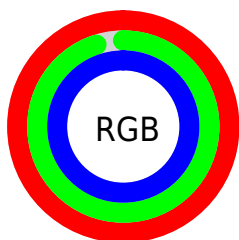
Format	Color
RYB	255, 243, 255
Decimal	16774143
CIELab	97.00, 6.61, -4.68
CIELCh	97, 8.100, 324.685
Yxy	92.4403, 0.3133, 0.3166
Android (android.graphics.Color)	4294964223 (0xFFFFF3FF)
YUV	247.9560, 3.4727, 6.1776
Hunter-Lab	96.1459, 1.5958, 0.6499

Details

The CIELCh color 97, 8.100, 324.685 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 7.742, 144.202, and the grayscale version is 97, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 77, 7.190, 324.709 is the 20% darker color. If you saturate the color by 10%, you get 91, 23.774, 325.252, and if you desaturate by 10%, it is 100, 0.012, 296.813.

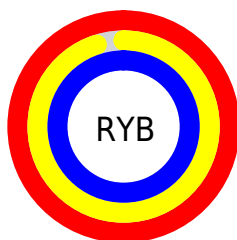
Distribution



Red (100%)

Green (95%)

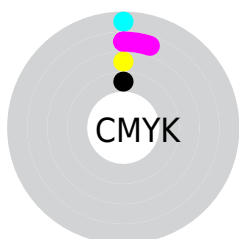
Blue (100%)



Red (100%)

Yellow (95%)

Blue (100%)

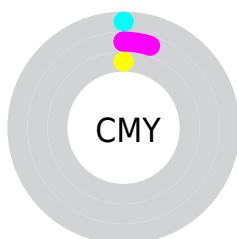


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 8.100, 324.685 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 97, 8.100, 324.685 by changing the saturation by 10% instead.


 97, 8.100, 324.685	 97, 8.100, 324.685
 100, 8.100, 324.685	 87, 8.100, 324.685
	 77, 8.100, 324.685
	 67, 8.100, 324.685
	 57, 8.100, 324.685
	 47, 8.100, 324.685
	 37, 8.100, 324.685
	 27, 8.100, 324.685
	 17, 8.100, 324.685
	 7, 8.100, 324.685


 97, 8.100, 324.685


 97, 8.100, 324.685

 91, 23.774,
325.252


100, 0.012,
296.813


 85, 39.794,
325.805


 79, 55.507,
326.336


 74, 70.474,
326.830

 70, 84.141,
327.269

 66, 95.882,
327.637

 63, 105.099,
327.919

 62, 111.385,
328.108

 61, 114.703,
328.207

Harmonies

Complementary

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



97, 8.100, 324.685



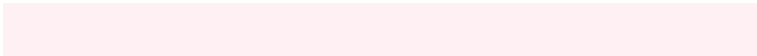
99, 7.742, 144.202

Rectangle

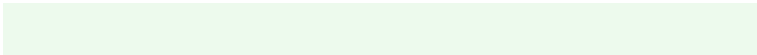
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 8.100, 324.685



97, 8.100, 14.685



97, 8.100, 144.685



97, 8.100, 194.685

Sweetspot

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



97, 7.762, 324.672



99, 1.592, 324.303



96, 6.394, 290.679



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 7.762, 324.672



96, 9.538, 324.741



97, 5.455, 343.966



51, 6.329, 324.780



45, 93.083, 328.233



12, 42.823, 328.233

Inverse Universe

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



97, 7.762, 324.672



96, 9.538, 324.741



99, 5.408, 163.337



51, 6.329, 324.780



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIE LCh color 97, 8.100, 324.685 looks on a white background.

Color Contrast Check

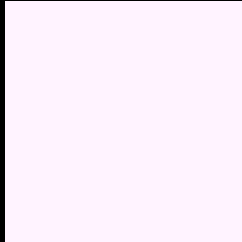
Large Text (above 18pt) WCAG AA × Fail

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 97, 8.100, 324.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

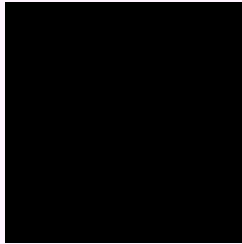
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 8.100, 324.685

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.100, 324.685.



This preview shows how white text looks on a background with the CIELCh color 97, 8.100, 324.685.

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

97, 7.476, 324.660

Protanopia

97, 5.180, 298.262


Deuteranopia

97, 5.567, 339.698

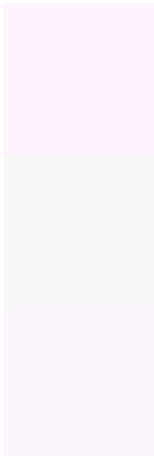


Tritanopia
97, 6.317, 316.737

Trichromacy

	Original Color 97, 7.476, 324.660
	Protanomaly 97, 6.036, 310.798
	Deuteranomaly 97, 6.275, 332.584
	Tritanomaly 97, 7.103, 319.977

Monochromacy

	Original Color 97, 7.476, 324.660
	Achromatopsia 98, 0.011, 296.813
	Achromatomaly 97, 3.123, 324.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.100, 324.685 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.100, 324.685 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, 243, 255) }
```

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

```
.border{ border-color:rgb(255, 243, 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, 243, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.100, 324.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 255) }
```

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

```
.background{ background-color: rgb(255,  
243, 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