

Converting Colors

CIELCh(100, 41.034, 3.661)

Have a look what the booklet for
CIELCh(100, 41.034, 3.661) contains.

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Color

CIElCh(93, 17.522, 327.939)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2FD
RGB	255, 226, 253
RGB Percent	100%, 89%, 99%
CMY	0.0000, 0.1136, 0.0076
CMYK	0.00, 0.11, 0.01, 0.00
HSL	304°, 100%, 94%
HSV	304°, 11%, 100%
XYZ	86.5737, 82.9670, 104.4246
YIQ	237.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

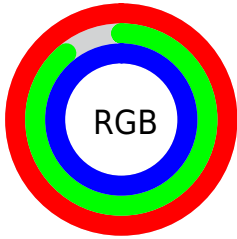
Format	Color
R_{YB}	255, 226, 253
Decimal	16769789
CIE _{Lab}	93.00, 14.85, -9.30
CIE _{LCh}	93, 17.522, 327.939
Yxy	82.9670, 0.3160, 0.3028
Android (android.graphics.Color)	4294959869 (0xFFFFE2FD)
YUV	237.7490, 7.5187, 15.1291
Hunter-Lab	91.0862, 10.2560, -4.2119

Details

The CIELCh color **93, 17.522, 327.939** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 17.272, 145.615**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 16.852, 327.256** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.639, 327.515**, and if you desaturate by 10%, it is **99, 2.061, 326.218**.

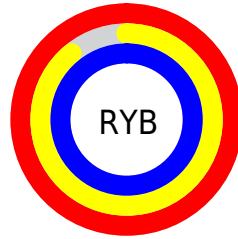
Distribution



Red (100%)

Green (89%)

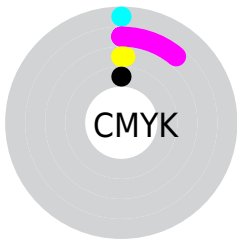
Blue (99%)



Red (100%)

Yellow (89%)

Blue (99%)

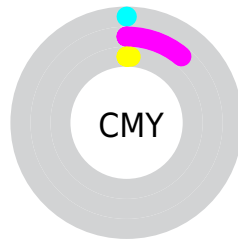


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 17.522, 327.939 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 93, 17.522, 327.939 by changing the saturation by 10% instead.


 93, 17.522,
327.939


 93, 17.522,
327.939


 100, 17.522,
327.939


 83, 17.522,
327.939


 73, 17.522,
327.939

 63, 17.522,
327.939

 53, 17.522,
327.939

 43, 17.522,
327.939

 33, 17.522,
327.939

 23, 17.522,

327.939

■ 13, 17.522,
327.939

■ 3, 17.522, 327.939

■ 93, 17.522,
327.939

■ 93, 17.522,
327.939

■ 87, 32.639,
327.515

■ 99, 2.061, 326.218

■ 81, 47.814,
328.092

100, 0.012,
296.813

■ 76, 62.446,
328.652

■ 71, 76.033,
329.185

■ 67, 87.967,
329.678

■ 64, 97.615,
330.125

■ 61, 104.460,
330.522

■ 60, 108.282,
330.876

■ 59, 109.522,
331.159

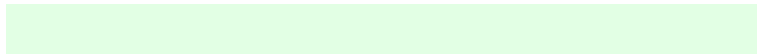
Harmonies

Complementary

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



93, 17.522, 327.939



97, 17.272, 145.615

Rectangle

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



93, 17.522, 327.939



93, 17.522, 17.939



93, 17.522, 147.939



93, 17.522, 197.939

Sweetspot

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



93, 17.300, 326.929



98, 4.549, 326.398



91, 15.068, 293.869



52, 3.449, 326.459



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 17.300, 326.929



91, 21.353, 327.085



93, 12.242, 348.394



50, 8.651, 326.819



45, 88.295, 331.106



12, 40.879, 330.737

Inverse Universe

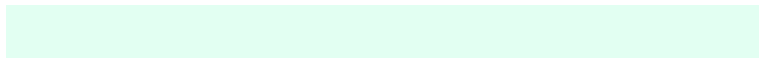
The Inverse Universe completely reimagines the original color for something new.



93, 17.300, 326.929



91, 21.353, 327.085



98, 12.002, 166.435



50, 8.651, 326.819



45, 88.295, 331.106



12, 40.879, 330.737

Previews

White Background



This preview shows how the CIELCh color 93, 17.522, 327.939 looks on a white background.

Color Contrast Check

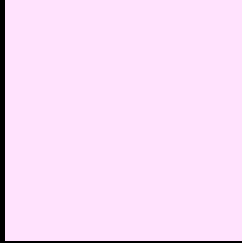
Large Text (above 18pt) WCAG AA × Fail

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 93, 17.522, 327.939 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

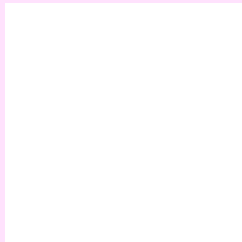
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 17.522, 327.939

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.522, 327.939.

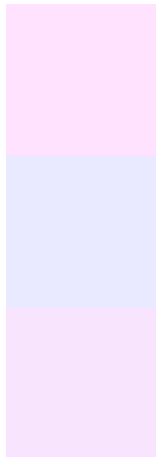


This preview shows how white text looks on a background with the CIELCh color 93, 17.522, 327.939.

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

93, 17.302, 326.983

Protanopia

93, 11.367, 291.076

Deuteranopia

93, 14.911, 320.431



Tritanopia
93, 13.371, 336.395

Trichromacy



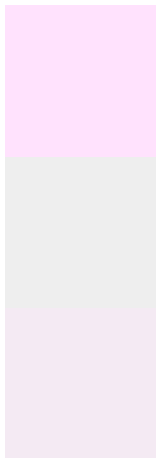
Original Color
93, 17.302, 326.983

Protanomaly
93, 13.031, 308.037

Deuteranomaly
93, 15.895, 322.858

Tritanomaly
93, 14.472, 331.973

Monochromacy



Original Color
93, 17.302, 326.983

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.863, 327.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.522, 327.939 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, 226, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 253)  
}
```

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, 226, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.522, 327.939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

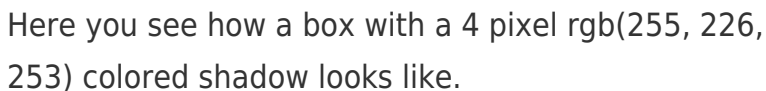
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 226, 253) }
```

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

```
.border{ border-color:rgb(255, 226, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 226, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 253); box-shadow:4px 4px 4px 4px rgb(255, 226, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.522, 327.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 253) }
```

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

```
.background{ background-color: rgb(255,  
226, 253) }
```

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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