

Converting Colors

CIELCh(100, 49.114, 6.837)

Have a look what the booklet for
CIELCh(100, 49.114, 6.837) contains.

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Color

CIELCh(91, 19.570, 333.025)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF7
RGB	255, 219, 247
RGB Percent	100%, 86%, 97%
CMY	0.0000, 0.1429, 0.0331
CMYK	0.00, 0.14, 0.03, 0.00
HSL	314°, 100%, 93%
HSV	314°, 14%, 100%
XYZ	83.3828, 78.4833, 98.3939
YIQ	232.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

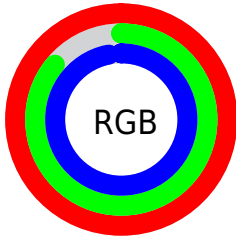
Format	Color
R _{YB}	255, 219, 247
Decimal	16767991
CIE Lab	91.00, 17.44, -8.88
CIE LCh	91, 19.570, 333.025
Yxy	78.4833, 0.3204, 0.3016
Android (android.graphics.Color)	4294958071 (0xFFFFDBF7)
YUV	232.9560, 6.9237, 19.3326
Hunter-Lab	88.5908, 12.9726, -3.8372

Details

The CIELCh color **91, 19.570, 333.025** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 19.352, 150.678**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 19.387, 331.801** is the 20% darker color. If you saturate the color by 10%, you get **85, 33.137, 333.265**, and if you desaturate by 10%, it is **97, 5.799, 331.865**.

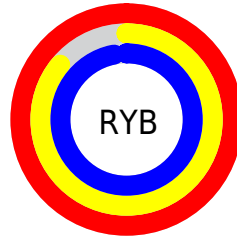
Distribution



Red (100%)

Green (86%)

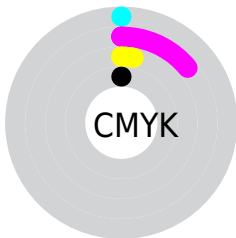
Blue (97%)



Red (100%)

Yellow (86%)

Blue (97%)

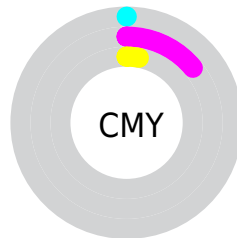


Cyan (0%)

Magenta (14%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 19.570, 333.025 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 91, 19.570, 333.025 by changing the saturation by 10% instead.


 91, 19.570,
333.025


 91, 19.570,
333.025


 100, 19.570,
333.025


 81, 19.570,
333.025

 71, 19.570,
333.025

 61, 19.570,
333.025

 51, 19.570,
333.025

 41, 19.570,
333.025

 31, 19.570,
333.025

 21, 19.570,

333.025

■ 11, 19.570,
333.025

■ 1, 19.570, 333.025

■ 91, 19.570,
333.025

■ 91, 19.570,
333.025

■ 85, 33.137,
333.265

■ 97, 5.799, 331.865

■ 79, 46.645,
333.989

100, 0.012,
296.813

■ 74, 59.579,
334.746

■ 69, 71.426,
335.545

■ 65, 81.570,
336.402

■ 61, 89.369,
337.344

■ 59, 94.324,
338.409

■ 58, 96.288,
339.650

■ 57, 96.391,
340.439

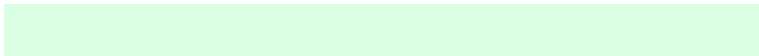
Harmonies

Complementary

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



91, 19.570, 333.025



97, 19.352, 150.678

Rectangle

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



91, 19.570, 333.025



91, 19.570, 23.025



91, 19.570, 153.025



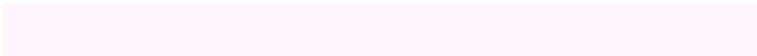
91, 19.570, 203.025

Sweetspot

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



91, 19.435, 332.568



97, 5.403, 331.841



89, 19.262, 299.669



52, 3.841, 331.900



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 19.435, 332.568



89, 23.147, 332.755



90, 14.273, 358.512



50, 7.708, 332.240



43, 77.862, 340.176



11, 36.556, 338.413

Inverse Universe

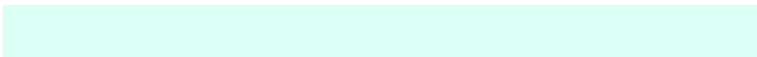
The Inverse Universe completely reimagines the original color for something new.



91, 19.435, 332.568



89, 23.147, 332.755



97, 13.660, 175.817



50, 7.708, 332.240



43, 77.862, 340.176



11, 36.556, 338.413

Previews

White Background



This preview shows how the CIELCh color 91, 19.570, 333.025 looks on a white background.

Color Contrast Check

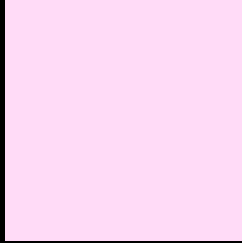
Large Text (above 18pt) WCAG AA × Fail

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 91, 19.570, 333.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

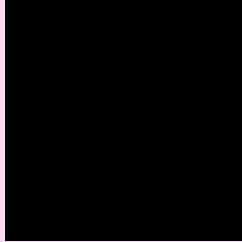
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 19.570, 333.025

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.570, 333.025.




This preview shows how white text looks on a background with the CIELCh color 91, 19.570, 333.025.

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](#).

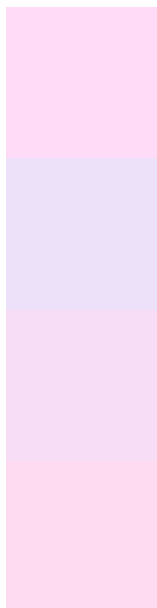
Dichromacy





Tritanopia
91, 15.048, 344.772

Trichromacy



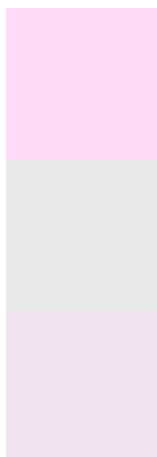
Original Color
91, 19.322, 332.210

Protanomaly
91, 13.682, 308.819

Deuteranomaly
91, 16.132, 327.104

Tritanomaly
91, 16.582, 339.676

Monochromacy



Original Color
91, 19.322, 332.210

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.969, 331.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.570, 333.025 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, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 247)  
}
```

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, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.570, 333.025 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, 219, 247) }
```

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

```
.border{ border-color:rgb(255, 219, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.570, 333.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 247) }
```

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

```
.background{ background-color: rgb(255,  
219, 247) }
```

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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