

Converting Colors

CIELCh(91, 12.826, 2.396)

Have a look what the booklet for
CIELCh(91, 12.826, 2.396) contains.

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Color

CIELCh(91, 13.023, 1.872)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE5
RGB	255, 221, 229
RGB Percent	100%, 87%, 90%
CMY	0.0008, 0.1340, 0.1027
CMYK	0.00, 0.13, 0.10, 0.00
HSL	346°, 99%, 93%
HSV	346°, 13%, 100%
XYZ	81.0916, 78.4833, 84.8652
YIQ	232.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

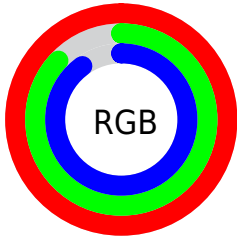
Format	Color
R _Y B	255, 221, 229
Decimal	16768485
CIE Lab	91.00, 13.02, 0.43
CIE LCh	91, 13.023, 1.872
Yxy	78.4833, 0.3317, 0.3211
Android (android.graphics.Color)	4294958565 (0xFFFFDDE5)
YUV	232.0780, -1.5175, 20.1026
Hunter-Lab	88.5908, 8.3561, 5.2170

Details

The CIELCh color **91, 13.023, 1.872** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.411, 179.414**, 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, 13.006, 1.092** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.303, 3.088**, and if you desaturate by 10%, it is **98, 3.182, 0.725**.

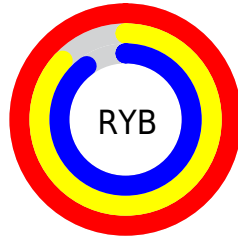
Distribution



Red (100%)

Green (87%)

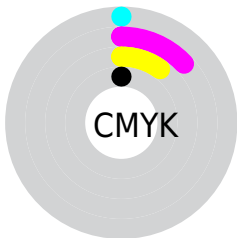
Blue (90%)



Red (100%)

Yellow (87%)

Blue (90%)

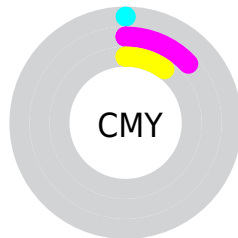


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (0%)



Cyan (0%)

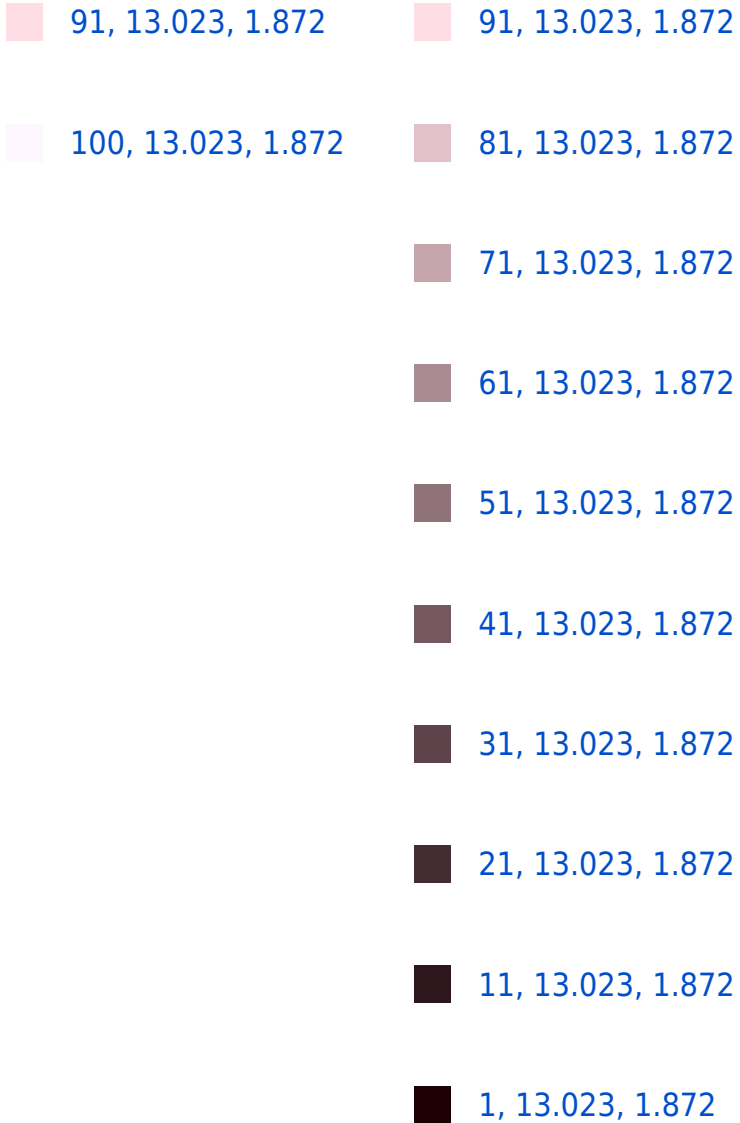
Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.023, 1.872 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, 13.023, 1.872 by changing the saturation by 10% instead.



91, 13.023, 1.872

91, 13.023, 1.872

84, 23.303, 3.088

98, 3.182, 0.725

78, 33.924, 4.519

100, 0.067,
209.329

72, 44.682, 6.262

67, 55.262, 8.431

62, 65.243, 11.171

59, 74.176, 14.650

56, 81.749, 19.004

54, 87.978, 24.215

54, 91.684, 27.906

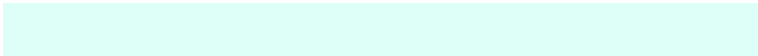
Harmonies

Complementary

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



91, 13.023, 1.872



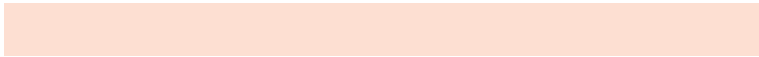
97, 12.411, 179.414

Rectangle

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



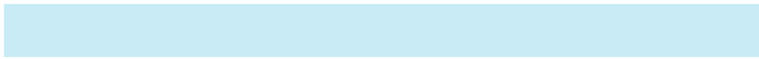
91, 13.023, 1.872



91, 13.023, 51.872



91, 13.023, 181.872



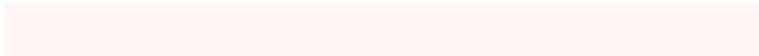
91, 13.023, 231.872

Sweetspot

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



91, 13.021, 1.879



97, 3.820, 0.819



91, 19.807, 317.860



51, 2.720, 0.915



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

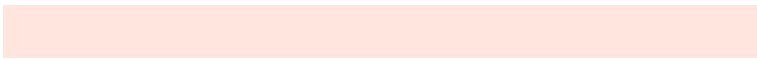
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 13.021, 1.879



89, 15.726, 2.184



93, 10.356, 44.804



50, 5.502, 1.454



40, 73.278, 26.843



10, 31.781, 16.852

Inverse Universe

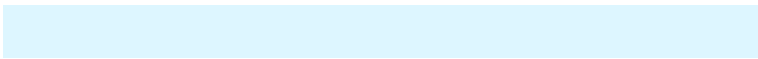
The Inverse Universe completely reimagines the original color for something new.



91, 13.021, 1.879



89, 15.726, 2.184



95, 9.547, 226.235



50, 5.502, 1.454



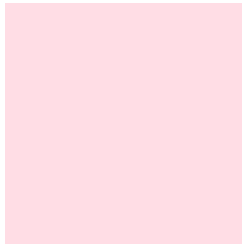
40, 73.278, 26.843



10, 31.781, 16.852

Previews

White Background



This preview shows how the CIELCh color 91, 13.023, 1.872 looks on a white background.

Color Contrast Check

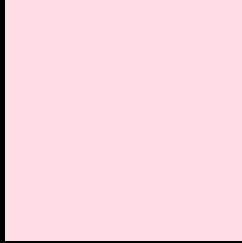
Large Text (above 18pt) WCAG AA × Fail

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, 13.023, 1.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

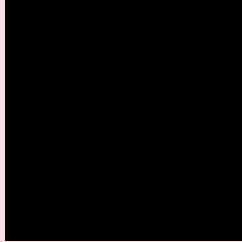
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

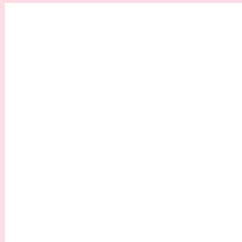
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.023, 1.872

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.023, 1.872.

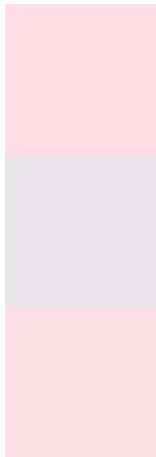


This preview shows how white text looks on a background with the CIELCh color 91, 13.023, 1.872.

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

91, 13.023, 1.872

Protanopia

91, 2.979, 318.828

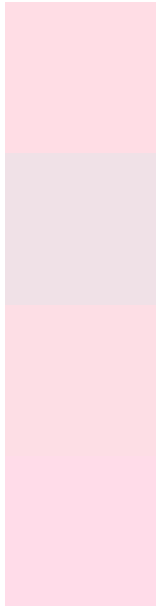
Deuteranopia

91, 11.469, 1.856



Tritanopia
91, 15.064, 347.227

Trichromacy



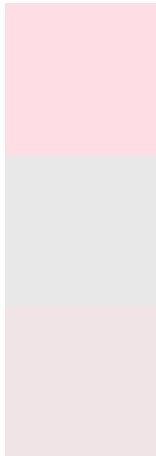
Original Color
91, 13.023, 1.872

Protanomaly
91, 6.235, 349.896

Deuteranomaly
91, 11.818, 2.452

Tritanomaly
91, 14.315, 352.485

Monochromacy



Original Color
91, 13.023, 1.872

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.587, 359.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.023, 1.872 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, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 229)  
}
```

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, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.023, 1.872 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, 221, 229) }
```

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

```
.border{ border-color:rgb(255, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.023, 1.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 229) }
```

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

```
.background{ background-color: rgb(255,  
221, 229) }
```

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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