

Converting Colors

CIELCh(91, 12.777, 0.412)

Have a look what the booklet for
CIELCh(91, 12.777, 0.412) contains.

CIELCh(91, 12.675, 1.310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 12.675, 1.310)

Conversions

Conversions Part 1

Format	Color
Hex	FEDDE5
RGB	254, 221, 229
RGB Percent	100%, 87%, 90%
CMY	0.0037, 0.1331, 0.1017
CMYK	0.00, 0.13, 0.10, 0.00
HSL	345°, 95%, 93%
HSV	345°, 13%, 100%
XYZ	80.9151, 78.4833, 85.0529
YIQ	231.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

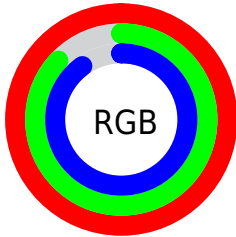
Format	Color
RYB	254, 221, 229
Decimal	16702949
CIELab	91.00, 12.67, 0.29
CIELCh	91, 12.675, 1.310
Yxy	78.4833, 0.3310, 0.3211
Android (android.graphics.Color)	4294893029 (0xFFFEDE5)
YUV	231.7790, -1.3700, 19.4878
Hunter-Lab	88.5908, 8.0005, 5.0913

Details

The CIELCh color **91, 12.675, 1.310** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.108, 178.921**, 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, 12.640, 0.457** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.934, 2.519**, and if you desaturate by 10%, it is **98, 2.848, 0.148**.

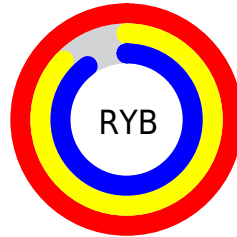
Distribution



Red (100%)

Green (87%)

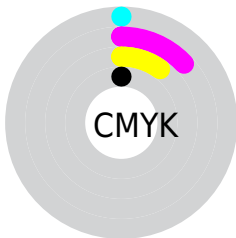
Blue (90%)



Red (100%)

Yellow (87%)

Blue (90%)

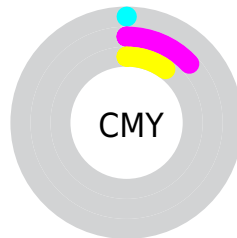


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (0%)



Cyan (0%)













Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.675, 1.310 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, 12.675, 1.310 by changing the saturation by 10% instead.

 91, 12.675, 1.310	 91, 12.675, 1.310
 100, 12.675, 1.310	 81, 12.675, 1.310
	 71, 12.675, 1.310
	 61, 12.675, 1.310
	 51, 12.675, 1.310
	 41, 12.675, 1.310
	 31, 12.675, 1.310
	 21, 12.675, 1.310
	 11, 12.675, 1.310
	 1, 12.675, 1.310

91, 12.675, 1.310

91, 12.675, 1.310

85, 22.934, 2.519

98, 2.848, 0.148

78, 33.527, 3.938

100, 0.327,
201.411

72, 44.252, 5.662

67, 54.795, 7.802

62, 64.735, 10.504

59, 73.618, 13.936

56, 81.121, 18.240

54, 87.251, 23.420

53, 91.057, 27.320

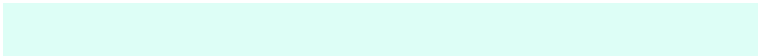
Harmonies

Complementary

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



91, 12.675, 1.310



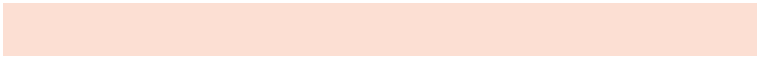
97, 12.108, 178.921

Rectangle

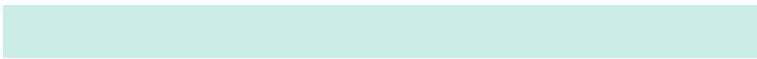
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



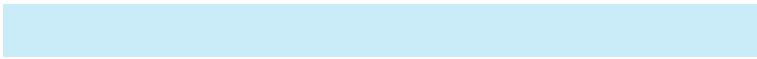
91, 12.675, 1.310



91, 12.675, 51.310



91, 12.675, 181.310



91, 12.675, 231.310

Sweetspot

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



91, 12.673, 1.317



97, 3.832, 0.296



91, 19.235, 317.845



51, 2.728, 0.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

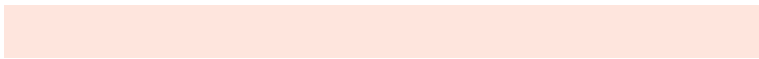
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.673, 1.317



89, 15.768, 1.662



93, 10.046, 44.816



50, 5.518, 0.931



40, 72.960, 26.261



10, 31.742, 16.443

Inverse Universe

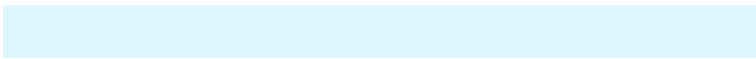
The Inverse Universe completely reimagines the original color for something new.



91, 12.673, 1.317



89, 15.768, 1.662



95, 9.283, 226.213



50, 5.518, 0.931



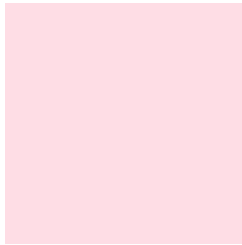
40, 72.960, 26.261



10, 31.742, 16.443

Previews

White Background



This preview shows how the CIELCh color 91, 12.675, 1.310 looks on a white background.

Color Contrast Check

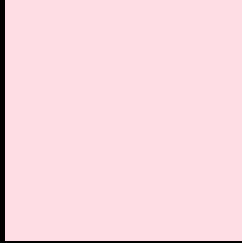
Large Text (above 18pt) WCAG AA × Fail

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, 12.675, 1.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

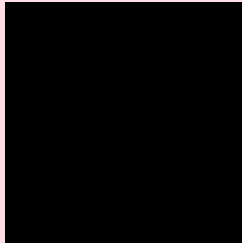
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 12.675, 1.310

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.675, 1.310.

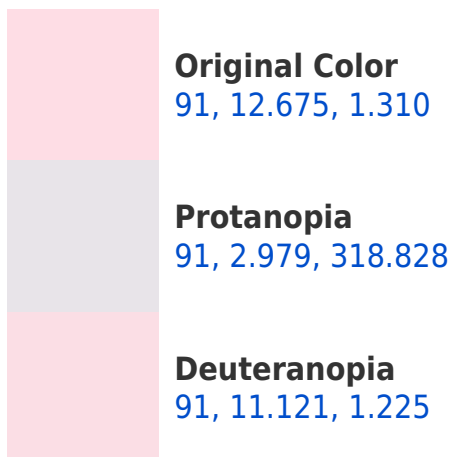


This preview shows how white text looks on a background with the CIELCh color 91, 12.675, 1.310.

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, 15.341, 345.597

Trichromacy



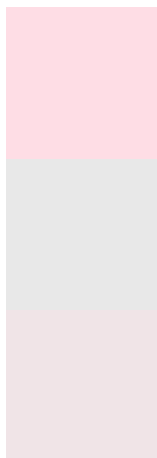
Original Color
91, 12.675, 1.310

Protanomaly
91, 6.506, 345.947

Deuteranomaly
91, 11.469, 1.856

Tritanomaly
91, 14.550, 350.672

Monochromacy



Original Color
91, 12.675, 1.310

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, 12.675, 1.310 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, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.675, 1.310 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, 221, 229) }
```

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

```
.border{ border-color:rgb(254, 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(254, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 221, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 221, 229); box-shadow:4px 4px 4px 4px rgb(254, 221, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.675, 1.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 229) }
```

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

```
.background{ background-color: rgb(254,  
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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