

Converting Colors

CIE LCh(91, 13.103, 27.463)

Have a look what the booklet for
CIELCh(91, 13.103, 27.463) contains.

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Color

CIELCh(91, 12.674, 27.232)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEDB
RGB	255, 222, 219
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1310, 0.1428
CMYK	0.00, 0.13, 0.14, 0.00
HSL	5°, 100%, 93%
HSV	5°, 14%, 100%
XYZ	80.1988, 78.4833, 77.6464
YIQ	231.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

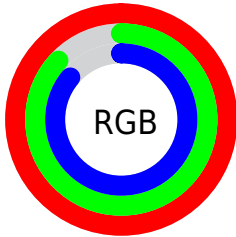
Format	Color
R _Y B	255, 222, 219
Decimal	16768731
CIE Lab	91.00, 11.27, 5.80
CIE LCh	91, 12.674, 27.232
Yxy	78.4833, 0.3394, 0.3321
Android (android.graphics.Color)	4294958811 (0xFFFFDEDB)
YUV	231.5250, -6.1748, 20.5876
Hunter-Lab	88.5908, 6.5572, 10.0482

Details

The CIELCh color **91, 12.674, 27.232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 11.315, 206.608**, 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, 12.261, 28.012** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.062, 27.950**, and if you desaturate by 10%, it is **97, 3.582, 26.822**.

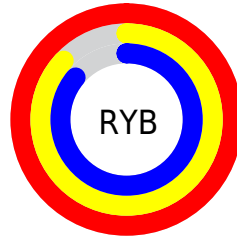
Distribution



Red (100%)

Green (87%)

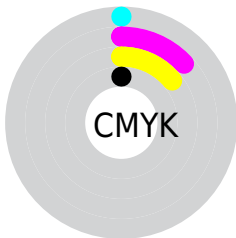
Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

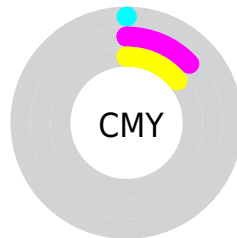


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.674, 27.232 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, 12.674, 27.232 by changing the saturation by 10% instead.

 91, 12.674, 27.232

 91, 12.674, 27.232

 100, 12.674,
27.232

 81, 12.674, 27.232

 71, 12.674, 27.232

 61, 12.674, 27.232

 51, 12.674, 27.232

 41, 12.674, 27.232

 31, 12.674, 27.232

 21, 12.674, 27.232

 11, 12.674, 27.232

 1, 12.674, 27.232

91, 12.674, 27.232

91, 12.674, 27.232

85, 22.062, 27.950

97, 3.582, 26.822

79, 32.445, 28.761

100, 0.012,
296.813

73, 43.566, 29.862

68, 55.313, 31.333

63, 67.465, 33.234

59, 79.623, 35.550

57, 91.025, 38.044

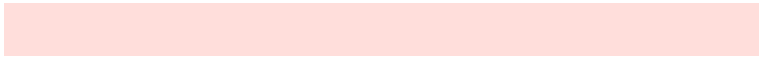
55, 99.998, 39.984

54, 103.430,
40.683

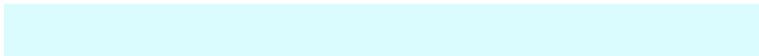
Harmonies

Complementary

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



91, 12.674, 27.232



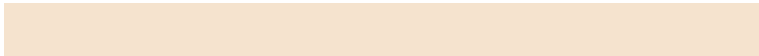
97, 11.315, 206.608

Rectangle

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



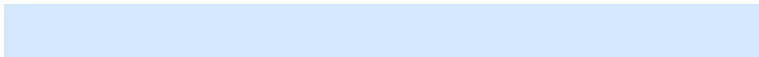
91, 12.674, 27.232



91, 12.674, 77.232



91, 12.674, 207.232



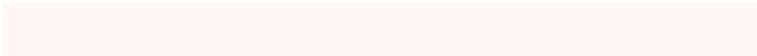
91, 12.674, 257.232

Sweetspot

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



91, 12.449, 27.355



97, 3.341, 26.799



91, 21.796, 327.088



52, 2.381, 26.856



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, 12.449, 27.355



89, 14.984, 27.500



95, 12.053, 80.412



50, 4.857, 27.116



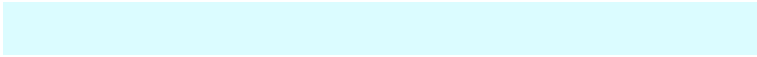
40, 83.042, 40.886



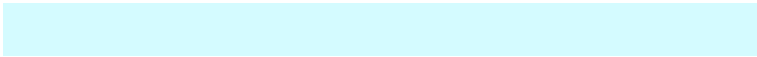
11, 31.784, 31.217

Inverse Universe

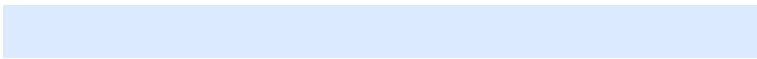
The Inverse Universe completely reimagines the original color for something new.



97, 11.315, 206.608



96, 13.356, 206.556



92, 11.797, 264.318



52, 4.565, 206.728



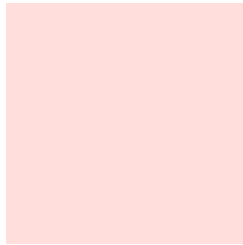
65, 36.476, 210.785



22, 16.943, 208.878

Previews

White Background



This preview shows how the CIELCh color 91, 12.674, 27.232 looks on a white background.

Color Contrast Check

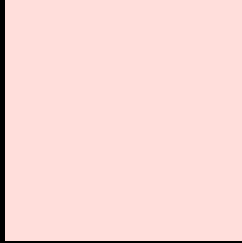
Large Text (above 18pt) WCAG AA × Fail

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 91, 12.674, 27.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

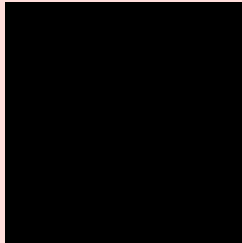
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

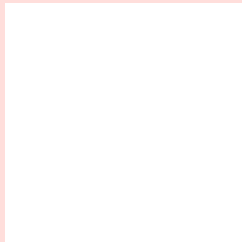
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.674, 27.232

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.674, 27.232.

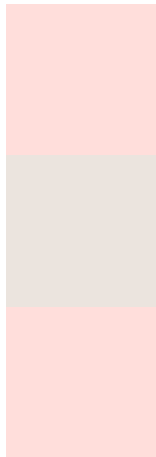


This preview shows how white text looks on a background with the CIELCh color 91, 12.674, 27.232.

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, 12.287, 27.418

Protanopia

91, 3.985, 70.386

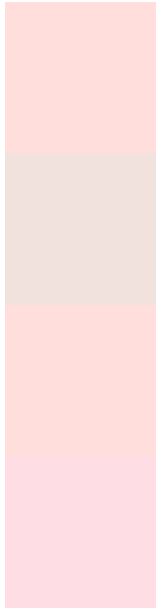
Deuteranopia

91, 12.287, 27.418



Tritanopia
91, 14.800, 348.919

Trichromacy



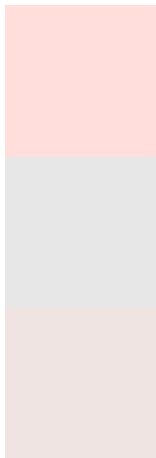
Original Color
91, 12.287, 27.418

Protanomaly
91, 6.371, 43.561

Deuteranomaly
91, 12.287, 27.418

Tritanomaly
91, 13.023, 1.872

Monochromacy



Original Color
91, 12.287, 27.418

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.447, 32.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.674, 27.232 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, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 219)  
}
```

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, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.674, 27.232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

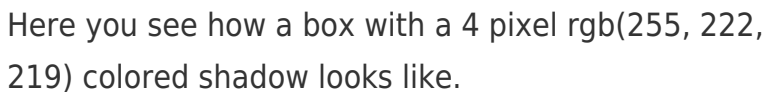
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 222, 219) }
```

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

```
.border{ border-color:rgb(255, 222, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.674, 27.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 219) }
```

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

```
.background{ background-color: rgb(255,  
222, 219) }
```

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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