

Converting Colors

CIELCh(91, 12.379, 25.758)

Have a look what the booklet for
CIELCh(91, 12.379, 25.758) contains.

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Color

CIELCh(91, 12.287, 27.418)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFDEDB |
| RGB | 255, 222, 219 |
| RGB Percent | 100%, 87%, 86% |
| CMY | 0.0007, 0.1301, 0.1418 |
| CMYK | 0.00, 0.13, 0.14, 0.00 |
| HSL | 5°, 99%, 93% |
| HSV | 5°, 14%, 100% |
| XYZ | 80.0144, 78.4833, 77.8312 |
| YIQ | 231.5250, 20.6310, 6.0630 |

Conversions

Conversions Part 2

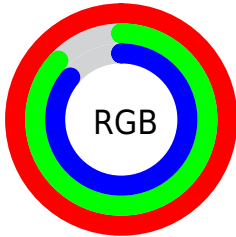
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 222, 219 |
| Decimal | 16768731 |
| CIE Lab | 91.00, 10.91, 5.66 |
| CIE LCh | 91, 12.287, 27.418 |
| Yxy | 78.4833, 0.3386, 0.3321 |
| Android (android.graphics.Color) | 4294958811 (0xFFFFDEDB) |
| YUV | 231.5250, -6.1748, 20.5876 |
| Hunter-Lab | 88.5908, 6.1857, 9.9245 |

Details

The CIELCh color **91, 12.287, 27.418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 11.180, 206.705**, 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, 21.874, 28.018**, and if you desaturate by 10%, it is **97, 3.442, 26.897**.

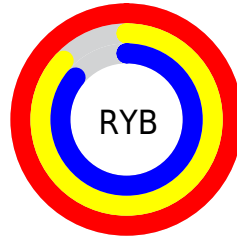
Distribution



Red (100%)

Green (87%)

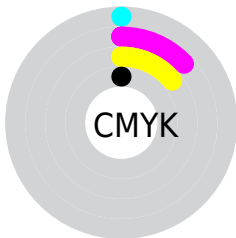
Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

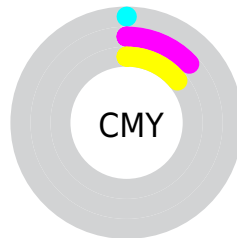


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.287, 27.418 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, 12.287, 27.418 by changing the saturation by 10% instead.

 91, 12.287, 27.418

 91, 12.287, 27.418

 100, 12.287,
27.418

 81, 12.287, 27.418

 71, 12.287, 27.418

 61, 12.287, 27.418

 51, 12.287, 27.418

 41, 12.287, 27.418

 31, 12.287, 27.418

 21, 12.287, 27.418

 11, 12.287, 27.418

 1, 12.287, 27.418

91, 12.287, 27.418

91, 12.287, 27.418

85, 21.874, 28.018

97, 3.442, 26.897

79, 32.232, 28.820

100, 0.061,
210.364

73, 43.328, 29.910

68, 55.056, 31.368

63, 67.194, 33.252

60, 79.351, 35.552

57, 90.774, 38.035

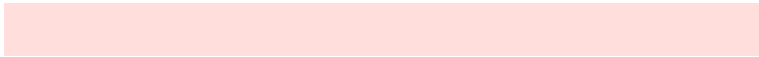
55, 99.809, 39.981

54, 103.357,
40.694

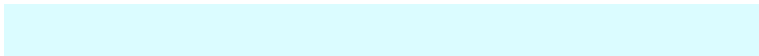
Harmonies

Complementary

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



91, 12.287, 27.418



97, 11.180, 206.705

Rectangle

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



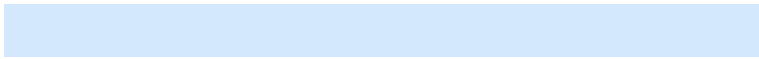
91, 12.287, 27.418



91, 12.287, 77.418



91, 12.287, 207.418



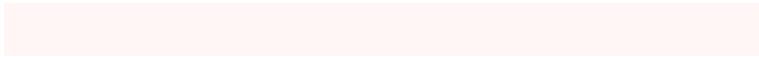
91, 12.287, 257.418

Sweetspot

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



91, 12.285, 27.430



97, 3.338, 26.887



91, 21.294, 327.574



52, 2.380, 26.943



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

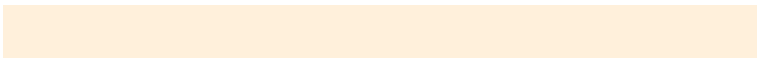
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.285, 27.430



89, 14.972, 27.582



95, 12.071, 82.025



50, 4.854, 27.202



40, 83.025, 40.898



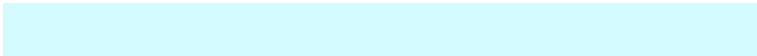
11, 31.768, 31.262

Inverse Universe

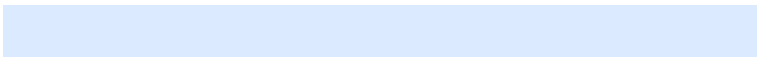
The Inverse Universe completely reimagines the original color for something new.



97, 11.180, 206.705



96, 13.345, 206.651



92, 11.859, 265.887



52, 4.561, 206.820



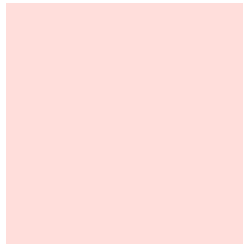
65, 36.446, 210.961



22, 16.930, 209.030

Previews

White Background



This preview shows how the CIELCh color 91, 12.287, 27.418 looks on a white background.

Color Contrast Check

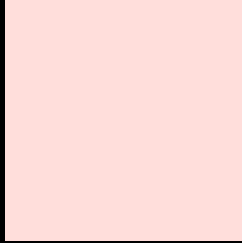
Large Text (above 18pt) WCAG AA × Fail

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, 12.287, 27.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

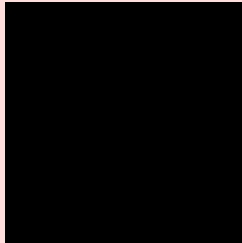
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

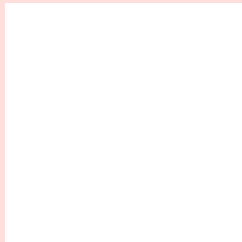
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.287, 27.418

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.287, 27.418.

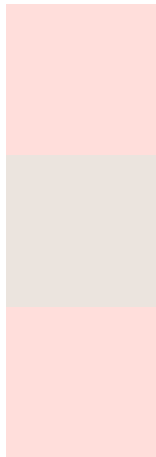


This preview shows how white text looks on a background with the CIELCh color 91, 12.287, 27.418.

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

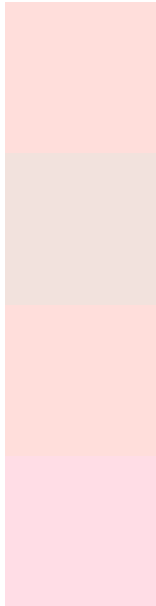
Deuteranopia

91, 12.287, 27.418



Tritanopia
91, 15.064, 347.227

Trichromacy



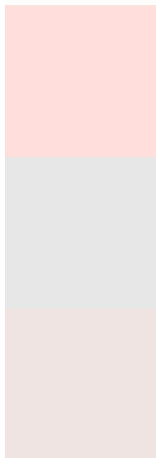
Original Color
91, 12.287, 27.418

Protanomaly
91, 6.371, 43.561

Deuteranomaly
91, 12.287, 27.418

Tritanomaly
91, 13.180, 359.732

Monochromacy



Original Color
91, 12.287, 27.418

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.354, 26.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.287, 27.418 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, 12.287, 27.418 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, 12.287, 27.418 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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