

Converting Colors

CIELCh(95, 31.197, 24.902)

Have a look what the booklet for
CIELCh(95, 31.197, 24.902) contains.

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Color

CIELCh(91, 13.062, 27.058)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDA
RGB	255, 221, 218
RGB Percent	100%, 87%, 85%
CMY	0.0000, 0.1320, 0.1438
CMYK	0.00, 0.13, 0.14, 0.00
HSL	5°, 100%, 93%
HSV	5°, 14%, 100%
XYZ	80.3839, 78.4833, 77.4611
YIQ	230.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

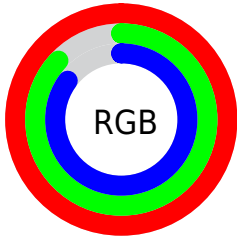
Format	Color
R _Y B	255, 221, 218
Decimal	16768474
CIE Lab	91.00, 11.63, 5.94
CIE LCh	91, 13.062, 27.058
Yxy	78.4833, 0.3401, 0.3321
Android (android.graphics.Color)	4294958554 (0xFFFFDDDA)
YUV	230.8240, -6.3222, 21.2024
Hunter-Lab	88.5908, 6.9300, 10.1722

Details

The CIELCh color **91, 13.062, 27.058** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 11.396, 206.554**, 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, 12.675, 27.809** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.172, 27.914**, and if you desaturate by 10%, it is **97, 3.669, 26.782**.

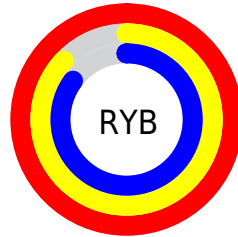
Distribution



Red (100%)

Green (87%)

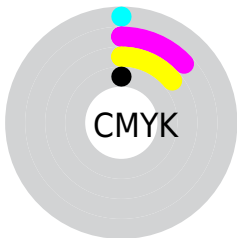
Blue (85%)



Red (100%)

Yellow (87%)

Blue (85%)

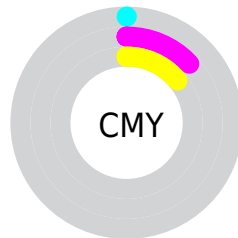


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.062, 27.058 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, 13.062, 27.058 by changing the saturation by 10% instead.

 91, 13.062, 27.058

 91, 13.062, 27.058

 100, 13.062,
27.058

 81, 13.062, 27.058

 71, 13.062, 27.058

 61, 13.062, 27.058

 51, 13.062, 27.058

 41, 13.062, 27.058

 31, 13.062, 27.058

 21, 13.062, 27.058

 11, 13.062, 27.058

 1, 13.062, 27.058

91, 13.062, 27.058

91, 13.062, 27.058

85, 22.172, 27.914

97, 3.669, 26.782

79, 32.566, 28.729

100, 0.012,
296.813

73, 43.697, 29.838

68, 55.453, 31.316

63, 67.608, 33.226

59, 79.763, 35.552

56, 91.149, 38.052

54, 100.080,
39.988

54, 103.440,
40.677

Harmonies

Complementary

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



91, 13.062, 27.058



97, 11.396, 206.554

Rectangle

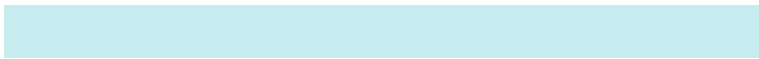
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



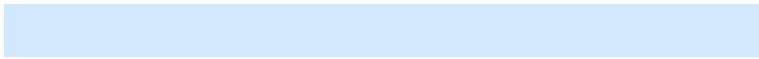
91, 13.062, 27.058



91, 13.062, 77.058



91, 13.062, 207.058



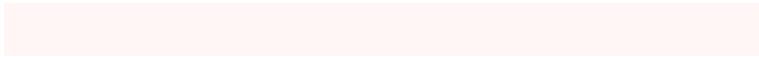
91, 13.062, 257.058

Sweetspot

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



91, 12.547, 27.314



97, 3.342, 26.751



91, 21.949, 327.093



52, 2.383, 26.808



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

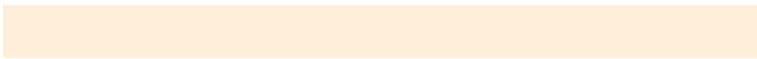
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.547, 27.314



89, 14.991, 27.455



95, 12.140, 80.399



50, 4.860, 27.069



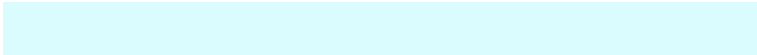
40, 83.050, 40.879



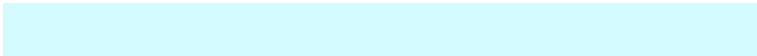
11, 31.793, 31.192

Inverse Universe

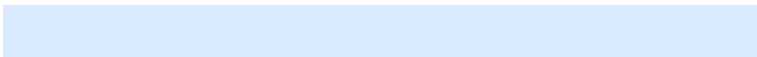
The Inverse Universe completely reimagines the original color for something new.



97, 11.396, 206.554



96, 13.362, 206.503



92, 11.880, 264.333



52, 4.567, 206.677



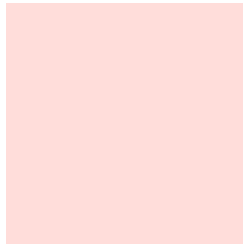
65, 36.493, 210.687



22, 16.951, 208.794

Previews

White Background



This preview shows how the CIELCh color 91, 13.062, 27.058 looks on a white background.

Color Contrast Check

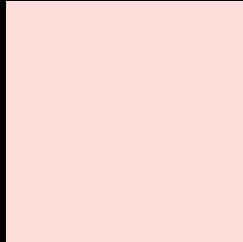
Large Text (above 18pt) WCAG AA × Fail

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, 13.062, 27.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

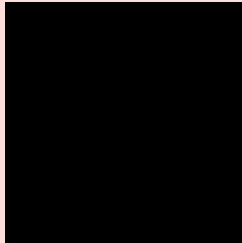
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

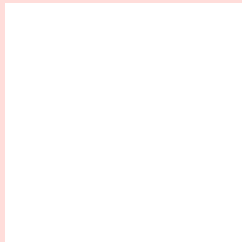
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.062, 27.058

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.062, 27.058.

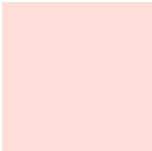
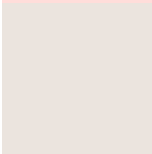
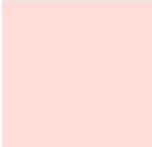



This preview shows how white text looks on a background with the CIELCh color 91, 13.062, 27.058.

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, 12.674, 27.232
	Protanopia 91, 3.985, 70.386
	Deuteranopia 91, 12.674, 27.232



Tritanopia
91, 14.800, 348.919

Trichromacy



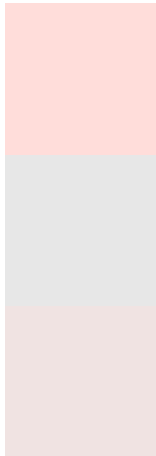
Original Color
91, 12.674, 27.232

Protanomaly
91, 6.371, 43.561

Deuteranomaly
91, 12.674, 27.232

Tritanomaly
91, 13.536, 0.321

Monochromacy



Original Color
91, 12.674, 27.232

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.720, 25.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.062, 27.058 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.062, 27.058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

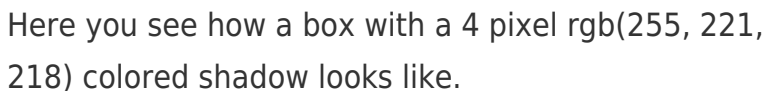
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 221, 218) }
```

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

```
.border{ border-color:rgb(255, 221, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 218); box-shadow:4px 4px 4px 4px rgb(255, 221, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.062, 27.058 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
221, 218) }
```

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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