

Converting Colors

CIELCh(91, 12.345, 30.694)

Have a look what the booklet for
CIELCh(91, 12.345, 30.694) contains.

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Color

CIELCh(91, 12.385, 29.759)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEDA
RGB	255, 222, 218
RGB Percent	100%, 87%, 85%
CMY	0.0004, 0.1298, 0.1455
CMYK	0.00, 0.13, 0.15, 0.00
HSL	6°, 99%, 93%
HSV	6°, 15%, 100%
XYZ	79.9356, 78.4833, 77.1939
YIQ	231.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

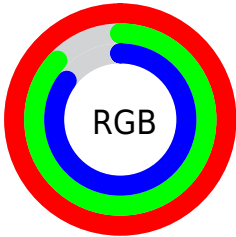
Format	Color
R _Y B	255, 222, 218
Decimal	16768730
CIE Lab	91.00, 10.75, 6.15
CIE LCh	91, 12.385, 29.759
Yxy	78.4833, 0.3393, 0.3331
Android (android.graphics.Color)	4294958810 (0xFFFFDEDA)
YUV	231.4110, -6.6116, 20.6876
Hunter-Lab	88.5908, 6.0268, 10.3510

Details

The CIELCh color **91, 12.385, 29.759** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 11.235, 209.332**, 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, 12.375, 30.467** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.812, 30.246**, and if you desaturate by 10%, it is **97, 3.694, 29.353**.

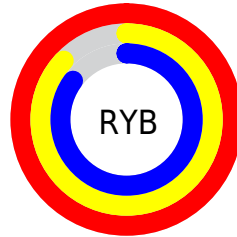
Distribution



Red (100%)

Green (87%)

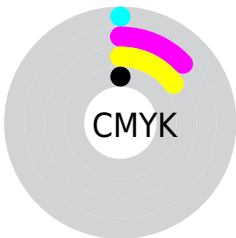
Blue (85%)



Red (100%)

Yellow (87%)

Blue (85%)

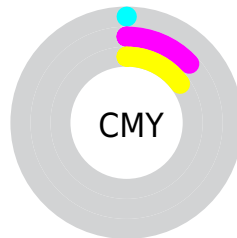


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.385, 29.759 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, 12.385, 29.759 by changing the saturation by 10% instead.

 91, 12.385, 29.759

 91, 12.385, 29.759

 100, 12.385,
29.759

 81, 12.385, 29.759

 71, 12.385, 29.759

 61, 12.385, 29.759

 51, 12.385, 29.759

 41, 12.385, 29.759

 31, 12.385, 29.759

 21, 12.385, 29.759

 11, 12.385, 29.759

 1, 12.385, 29.759

91, 12.385, 29.759

91, 12.385, 29.759

85, 21.812, 30.246

97, 3.694, 29.353

79, 32.011, 30.920

100, 0.037,
217.516

74, 42.962, 31.861

69, 54.576, 33.139

64, 66.653, 34.801

60, 78.814, 36.822

57, 90.289, 38.967

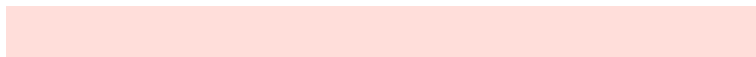
55, 99.386, 40.532

54, 102.833,
41.032

Harmonies

Complementary

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



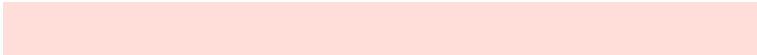
91, 12.385, 29.759



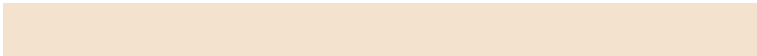
96, 11.235, 209.332

Rectangle

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



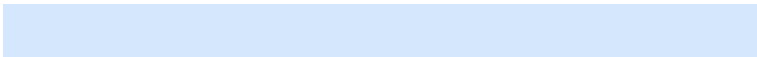
91, 12.385, 29.759



91, 12.385, 79.759



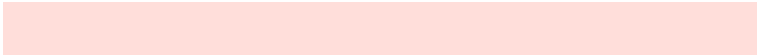
91, 12.385, 209.759



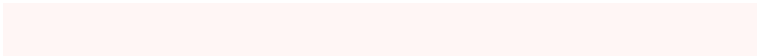
91, 12.385, 259.759

Sweetspot

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



91, 12.383, 29.771



98, 3.267, 29.318



91, 21.639, 328.106



52, 2.329, 29.368



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

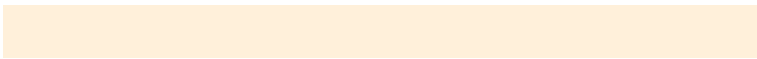
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.383, 29.771



90, 14.661, 29.875



95, 12.590, 83.523



50, 4.752, 29.578



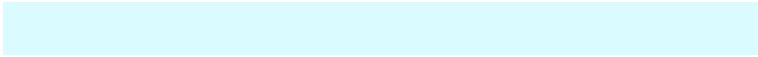
41, 82.537, 41.279



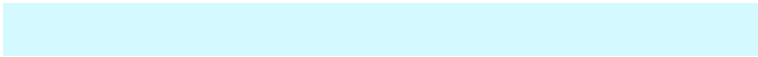
11, 31.353, 32.481

Inverse Universe

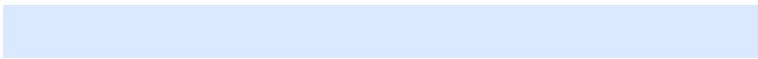
The Inverse Universe completely reimagines the original color for something new.



96, 11.235, 209.332



96, 13.064, 209.315



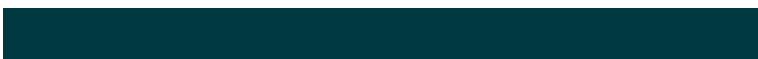
92, 12.404, 267.488



52, 4.465, 209.398



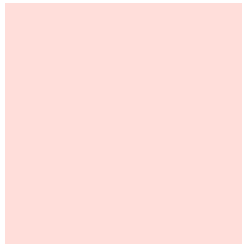
64, 35.733, 215.914



21, 16.597, 213.282

Previews

White Background



This preview shows how the CIELCh color 91, 12.385, 29.759 looks on a white background.

Color Contrast Check

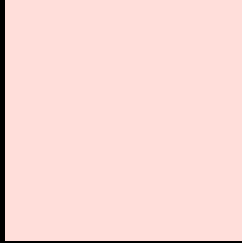
Large Text (above 18pt) WCAG AA × Fail

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, 12.385, 29.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

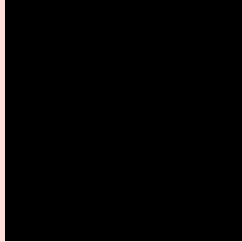
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

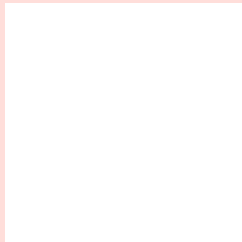
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.385, 29.759

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.385, 29.759.

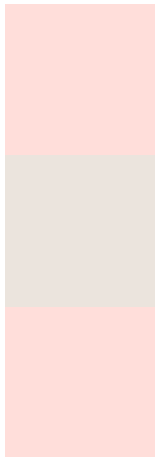


This preview shows how white text looks on a background with the CIELCh color 91, 12.385, 29.759.

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, 12.385, 29.759

Protanopia

91, 4.399, 74.600

Deuteranopia

91, 12.385, 29.759



Tritanopia
91, 15.064, 347.227

Trichromacy



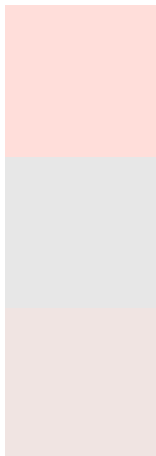
Original Color
91, 12.385, 29.759

Protanomaly
91, 6.605, 47.617

Deuteranomaly
91, 12.385, 29.759

Tritanomaly
91, 13.023, 1.872

Monochromacy



Original Color
91, 12.385, 29.759

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, 12.385, 29.759 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.385, 29.759 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, 218) }
```

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

```
.border{ border-color:rgb(255, 222, 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, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.385, 29.759 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, 218) }
```

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

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