

Converting Colors

CIELCh(90, 13.191, 30.694)

Have a look what the booklet for
CIELCh(90, 13.191, 30.694) contains.

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Color

CIELCh(90, 12.913, 31.741)

Conversions

Conversions Part 1

Format	Color
Hex	FDDBD6
RGB	253, 219, 214
RGB Percent	99%, 86%, 84%
CMY	0.0084, 0.1417, 0.1613
CMYK	0.00, 0.13, 0.15, 0.01
HSL	8°, 90%, 92%
HSV	8°, 15%, 99%
XYZ	77.8802, 76.3034, 74.1569
YIQ	228.5960, 21.8690, 5.6530

Conversions

Conversions Part 2

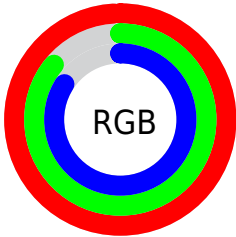
Format	Color
R _Y B	253, 220, 214
Decimal	16636886
CIE Lab	90.00, 10.98, 6.79
CIE LCh	90, 12.913, 31.741
Yxy	76.3034, 0.3411, 0.3342
Android (android.graphics.Color)	4294826966 (0xFFFDDBD6)
YUV	228.5960, -7.1958, 21.4023
Hunter-Lab	87.3518, 6.2795, 10.8123

Details

The CIELCh color **90, 12.913, 31.741** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.640, 211.553**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 12.957, 32.522** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.202, 32.140**, and if you desaturate by 10%, it is **96, 4.353, 31.441**.

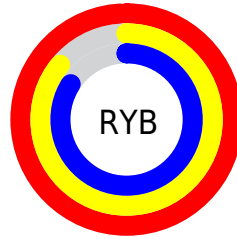
Distribution



Red (99%)

Green (86%)

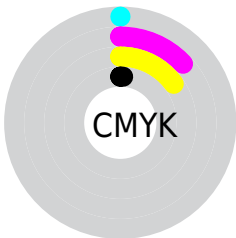
Blue (84%)



Red (99%)

Yellow (86%)

Blue (84%)

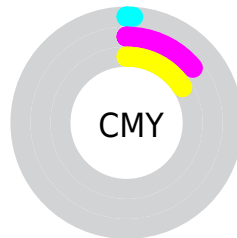


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 12.913, 31.741 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 90, 12.913, 31.741 by changing the saturation by 10% instead.

 90, 12.913, 31.741

 90, 12.913, 31.741

 100, 12.913,
31.741

 80, 12.913, 31.741

 70, 12.913, 31.741

 60, 12.913, 31.741

 50, 12.913, 31.741

 40, 12.913, 31.741

 30, 12.913, 31.741

 20, 12.913, 31.741

 10, 12.913, 31.741

 0, 12.913, 31.741

90, 12.913, 31.741

90, 12.913, 31.741

84, 22.202, 32.140

96, 4.353, 31.441

79, 32.256, 32.718

100, 0.740,
200.254

73, 43.063, 33.550

68, 54.542, 34.697

64, 66.501, 36.194

60, 78.555, 38.002

57, 89.893, 39.860

55, 98.746, 41.051

54, 101.680,
41.372

Harmonies

Complementary

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



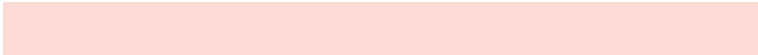
90, 12.913, 31.741



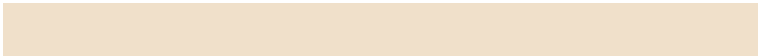
95, 11.640, 211.553

Rectangle

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



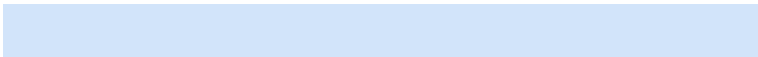
90, 12.913, 31.741



90, 12.913, 81.741



90, 12.913, 211.741



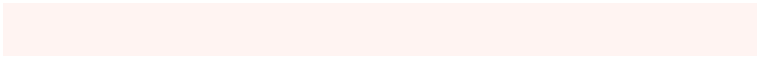
90, 12.913, 261.741

Sweetspot

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



90, 12.912, 31.753



97, 4.035, 31.422



90, 22.589, 328.681



51, 2.761, 31.453



0, 0.000, 0.000



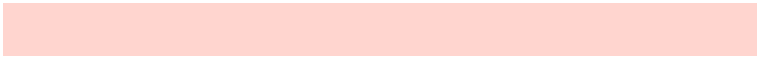
53, 0.007, 296.813

Same Dimension

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



90, 12.912, 31.753



89, 16.261, 31.874



95, 13.502, 84.909



50, 4.675, 31.578



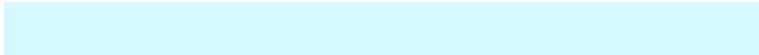
41, 82.076, 41.648



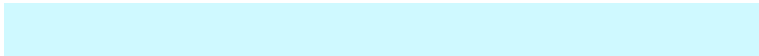
11, 31.034, 33.471

Inverse Universe

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



95, 11.640, 211.553



95, 14.279, 211.574



90, 13.334, 269.118



52, 4.394, 211.568



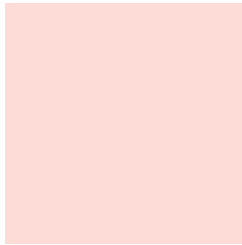
63, 35.337, 220.097



21, 16.390, 216.873

Previews

White Background



This preview shows how the CIELCh color 90, 12.913, 31.741 looks on a white background.

Color Contrast Check

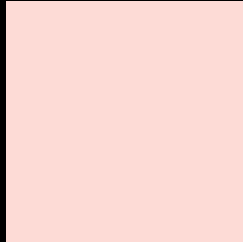
Large Text (above 18pt) WCAG AA × Fail

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 90, 12.913, 31.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

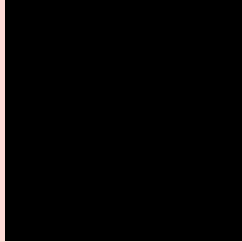
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

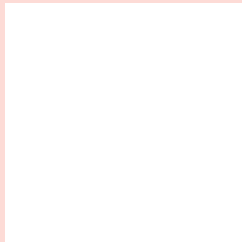
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 12.913, 31.741

Background



This preview shows how black text looks on a background with the CIELCh color 90, 12.913, 31.741.

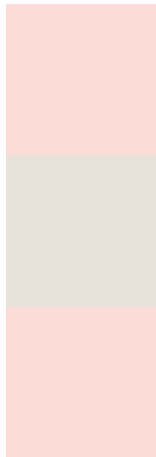


This preview shows how white text looks on a background with the CIELCh color 90, 12.913, 31.741.

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

90, 12.913, 31.741

Protanopia

90, 4.842, 78.060

Deuteranopia

90, 12.913, 31.741



Tritanopia
90, 16.600, 348.639

Trichromacy



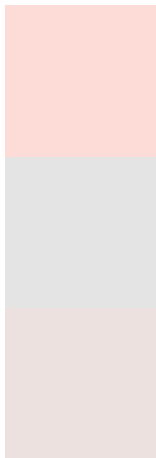
Original Color
90, 12.913, 31.741

Protanomaly
90, 7.209, 49.830

Deuteranomaly
90, 12.913, 31.741

Tritanomaly
90, 14.268, 1.428

Monochromacy



Original Color
90, 12.913, 31.741

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.459, 32.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 12.913, 31.741 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(253, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(253, 219, 214)  
}
```

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(253, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 219, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 12.913, 31.741 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(253, 219, 214) }
```

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

```
.border{ border-color:rgb(253, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(253, 219,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 12.913, 31.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 219, 214) }
```

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

```
.background{ background-color: rgb(253,  
219, 214) }
```

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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