

Converting Colors

CIELCh(100, 53.493, 25.703)

Have a look what the booklet for
CIELCh(100, 53.493, 25.703)
contains.

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Color

CIELCh(90, 14.439, 30.635)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD5
RGB	255, 218, 213
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1456, 0.1652
CMYK	0.00, 0.15, 0.17, 0.00
HSL	7°, 100%, 92%
HSV	7°, 17%, 100%
XYZ	78.6025, 76.3034, 73.4457
YIQ	228.4930, 23.6570, 6.2890

Conversions

Conversions Part 2

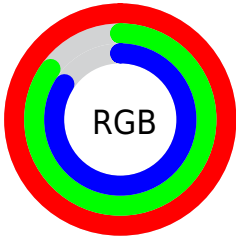
Format	Color
R _Y B	255, 219, 213
Decimal	16767701
CIE Lab	90.00, 12.42, 7.36
CIE LCh	90, 14.439, 30.635
Yxy	76.3034, 0.3442, 0.3341
Android (android.graphics.Color)	4294957781 (0xFFFFDAD5)
YUV	228.4930, -7.6380, 23.2466
Hunter-Lab	87.3518, 7.7556, 11.2950

Details

The CIELCh color **90, 14.439, 30.635** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 12.607, 210.498**, 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, 14.170, 31.589** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.605, 31.328**, and if you desaturate by 10%, it is **96, 5.338, 30.525**.

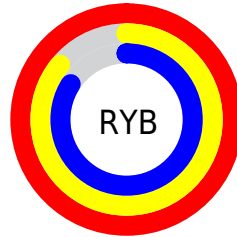
Distribution



Red (100%)

Green (85%)

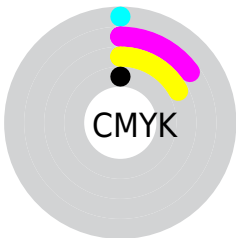
Blue (84%)



Red (100%)

Yellow (86%)

Blue (84%)

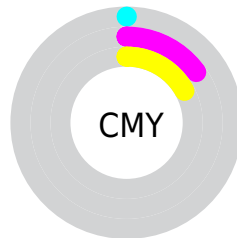


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.439, 30.635 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, 14.439, 30.635 by changing the saturation by 10% instead.

 90, 14.439, 30.635

 90, 14.439, 30.635

 100, 14.439,
30.635

 80, 14.439, 30.635

 70, 14.439, 30.635

 60, 14.439, 30.635

 50, 14.439, 30.635

 40, 14.439, 30.635

 30, 14.439, 30.635

 20, 14.439, 30.635

 10, 14.439, 30.635

 0, 14.439, 30.635

90, 14.439, 30.635

90, 14.439, 30.635

84, 23.605, 31.328

96, 5.338, 30.525

78, 33.882, 31.987

100, 0.012,
296.813

73, 44.908, 32.918

68, 56.583, 34.181

63, 68.689, 35.814

60, 80.800, 37.761

57, 92.017, 39.719

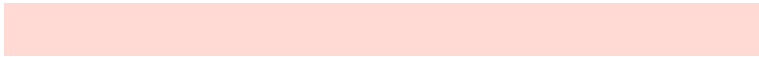
55, 100.414,
40.895

54, 102.596,
41.202

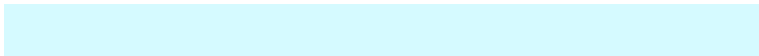
Harmonies

Complementary

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



90, 14.439, 30.635



96, 12.607, 210.498

Rectangle

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



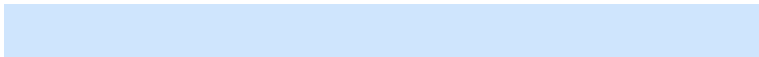
90, 14.439, 30.635



90, 14.439, 80.635



90, 14.439, 210.635



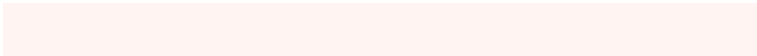
90, 14.439, 260.635

Sweetspot

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



90, 14.099, 30.873



97, 4.065, 30.457



90, 24.378, 328.749



51, 2.782, 30.490



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

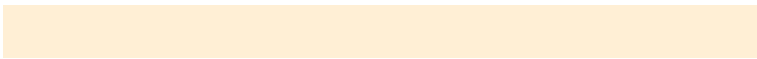
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.099, 30.873



88, 17.317, 31.012



95, 14.589, 84.764



50, 4.710, 30.631



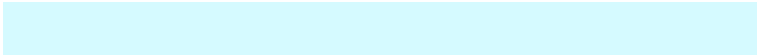
41, 82.299, 41.468



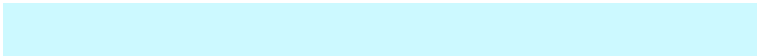
11, 31.181, 33.006

Inverse Universe

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



96, 12.607, 210.498



95, 15.091, 210.507



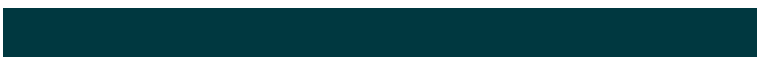
91, 14.391, 269.294



52, 4.427, 210.541



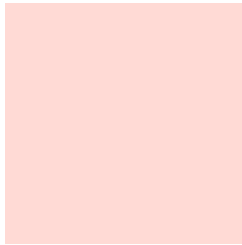
63, 35.501, 218.118



21, 16.480, 215.173

Previews

White Background



This preview shows how the CIELCh color 90, 14.439, 30.635 looks on a white background.

Color Contrast Check

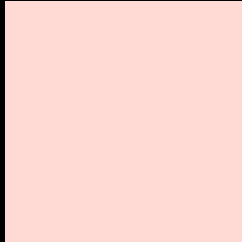
Large Text (above 18pt) WCAG AA × Fail

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, 14.439, 30.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

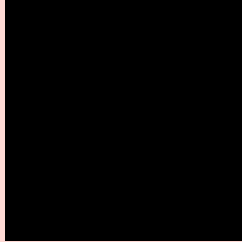
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

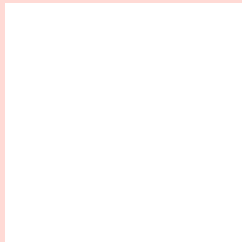
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.439, 30.635

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.439, 30.635.

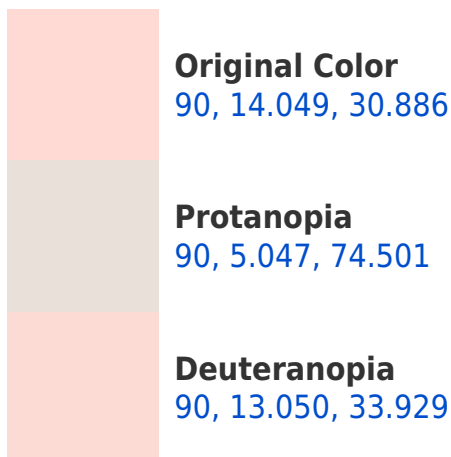


This preview shows how white text looks on a background with the CIELCh color 90, 14.439, 30.635.

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](#).

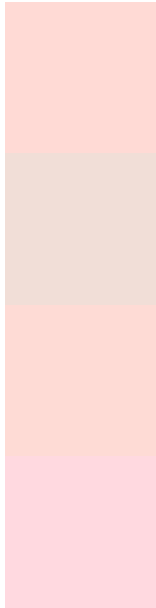
Dichromacy





Tritanopia
90, 16.109, 351.809

Trichromacy



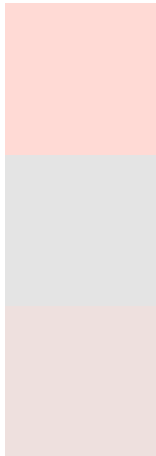
Original Color
90, 14.049, 30.886

Protanomaly
90, 7.872, 47.135

Deuteranomaly
90, 13.421, 33.567

Tritanomaly
90, 14.365, 5.882

Monochromacy



Original Color
90, 14.049, 30.886

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.180, 31.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.439, 30.635 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, 218, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 213)  
}
```

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, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.439, 30.635 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, 218, 213) }
```

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

```
.border{ border-color:rgb(255, 218, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.439, 30.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 213) }
```

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

```
.background{ background-color: rgb(255,  
218, 213) }
```

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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