

Converting Colors

CIELCh(90, 14.320, 32.762)

Have a look what the booklet for
CIELCh(90, 14.320, 32.762) contains.

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Color

CIELCh(90, 14.180, 32.904)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD4
RGB	255, 218, 212
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1443, 0.1679
CMYK	0.00, 0.14, 0.17, 0.00
HSL	8°, 100%, 92%
HSV	8°, 17%, 100%
XYZ	78.3423, 76.3034, 73.0126
YIQ	228.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

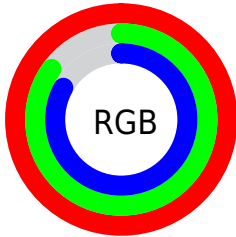
Format	Color
R _Y B	255, 219, 212
Decimal	16767700
CIE Lab	90.00, 11.91, 7.70
CIE LCh	90, 14.180, 32.904
Yxy	76.3034, 0.3441, 0.3352
Android (android.graphics.Color)	4294957780 (0xFFFFDAD4)
YUV	228.3790, -8.0748, 23.3466
Hunter-Lab	87.3518, 7.2238, 11.5890

Details

The CIELCh color **90, 14.180, 32.904** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 12.592, 212.929**, 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, 14.321, 33.678** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.478, 33.324**, and if you desaturate by 10%, it is **96, 5.468, 32.731**.

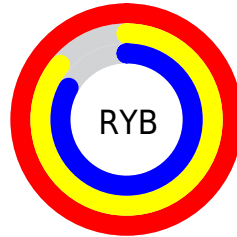
Distribution



Red (100%)

Green (85%)

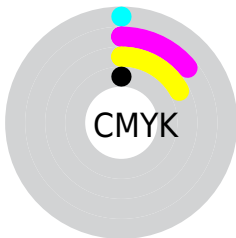
Blue (83%)



Red (100%)

Yellow (86%)

Blue (83%)

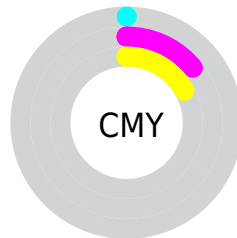


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.180, 32.904 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, 14.180, 32.904 by changing the saturation by 10% instead.

 90, 14.180, 32.904

 90, 14.180, 32.904

 100, 14.180,
32.904

 80, 14.180, 32.904

 70, 14.180, 32.904

 60, 14.180, 32.904

 50, 14.180, 32.904

 40, 14.180, 32.904

 30, 14.180, 32.904

 20, 14.180, 32.904

 10, 14.180, 32.904

 0, 14.180, 32.904

90, 14.180, 32.904

90, 14.180, 32.904

84, 23.478, 33.324

96, 5.468, 32.731

79, 33.623, 33.861

100, 0.012,
296.813

73, 44.524, 34.650

68, 56.098, 35.744

64, 68.139, 37.170

60, 80.229, 38.865

57, 91.458, 40.524

55, 99.901, 41.385

55, 101.991,
41.591

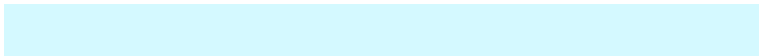
Harmonies

Complementary

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



90, 14.180, 32.904



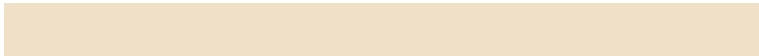
96, 12.592, 212.929

Rectangle

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



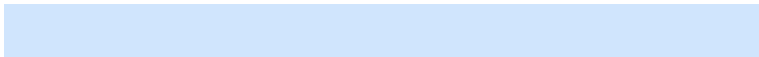
90, 14.180, 32.904



90, 14.180, 82.904



90, 14.180, 212.904



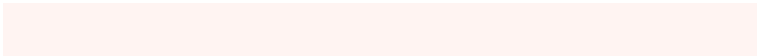
90, 14.180, 262.904

Sweetspot

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



90, 14.104, 32.978



97, 3.998, 32.668



90, 24.485, 329.301



51, 2.736, 32.696



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

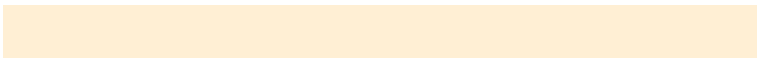
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.104, 32.978



88, 17.033, 33.072



95, 15.048, 86.189



50, 4.632, 32.800



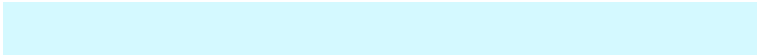
41, 81.775, 41.895



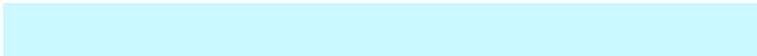
11, 30.852, 34.061

Inverse Universe

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



96, 12.592, 212.929



95, 14.849, 212.975



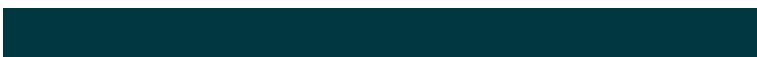
90, 14.894, 270.773



52, 4.355, 212.895



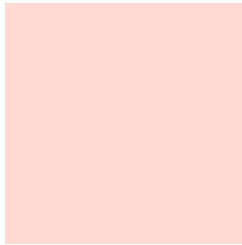
62, 35.183, 222.647



20, 16.294, 219.067

Previews

White Background



This preview shows how the CIELCh color 90, 14.180, 32.904 looks on a white background.

Color Contrast Check

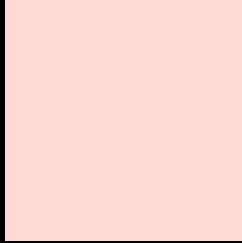
Large Text (above 18pt) WCAG AA × Fail

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, 14.180, 32.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

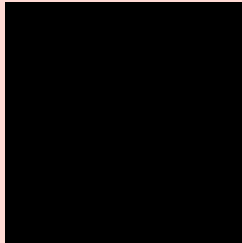
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

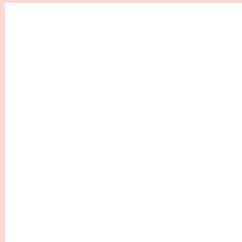
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.180, 32.904

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.180, 32.904.

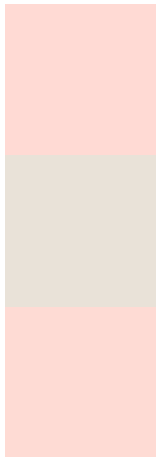


This preview shows how white text looks on a background with the CIELCh color 90, 14.180, 32.904.

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, 14.180, 32.904

Protanopia

90, 5.754, 83.351

Deuteranopia

90, 13.575, 35.649



Tritanopia
90, 16.109, 351.809

Trichromacy



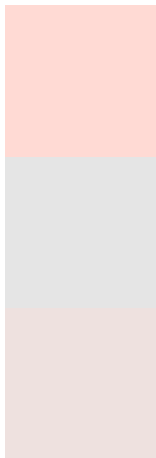
Original Color
90, 14.180, 32.904

Protanomaly
90, 7.806, 51.701

Deuteranomaly
90, 13.575, 35.649

Tritanomaly
90, 14.365, 5.882

Monochromacy



Original Color
90, 14.180, 32.904

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.816, 31.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.180, 32.904 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.180, 32.904 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, 212) }
```

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

```
.border{ border-color:rgb(255, 218, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.180, 32.904 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
218, 212) }
```

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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