

Converting Colors

CIELCh(100, 54.168, 26.585)

Have a look what the booklet for
CIELCh(100, 54.168, 26.585)
contains.

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Color

CIELCh(90, 14.715, 34.531)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD3
RGB	255, 218, 211
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1451, 0.1726
CMYK	0.00, 0.15, 0.17, 0.00
HSL	10°, 100%, 91%
HSV	10°, 17%, 100%
XYZ	78.4513, 76.3034, 72.2170
YIQ	228.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

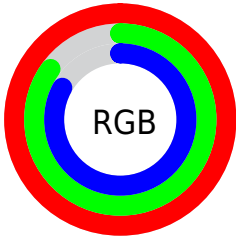
Format	Color
R _Y B	255, 219, 211
Decimal	16767699
CIE Lab	90.00, 12.12, 8.34
CIE LCh	90, 14.715, 34.531
Yxy	76.3034, 0.3456, 0.3362
Android (android.graphics.Color)	4294957779 (0xFFFFDAD3)
YUV	228.2650, -8.5116, 23.4466
Hunter-Lab	87.3518, 7.4465, 12.1290

Details

The CIELCh color **90, 14.715, 34.531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 12.757, 215.170**, 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, 23.611, 35.159**, and if you desaturate by 10%, it is **96, 5.777, 34.754**.

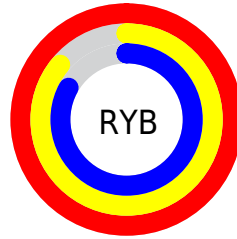
Distribution



Red (100%)

Green (85%)

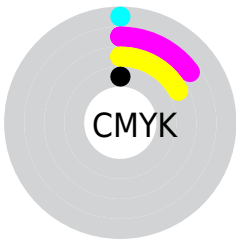
Blue (83%)



Red (100%)

Yellow (86%)

Blue (83%)

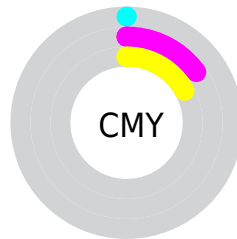


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.715, 34.531 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, 14.715, 34.531 by changing the saturation by 10% instead.

 90, 14.715, 34.531

 90, 14.715, 34.531

 100, 14.715,
34.531

 80, 14.715, 34.531

 70, 14.715, 34.531

 60, 14.715, 34.531

 50, 14.715, 34.531

 40, 14.715, 34.531

 30, 14.715, 34.531

 20, 14.715, 34.531

 10, 14.715, 34.531

 0, 14.715, 34.531

90, 14.715, 34.531

90, 14.715, 34.531

84, 23.611, 35.159

96, 5.777, 34.754

79, 33.661, 35.589

100, 0.012,
296.813

74, 44.472, 36.255

69, 55.967, 37.203

64, 67.950, 38.451

61, 79.997, 39.924

58, 91.172, 41.310

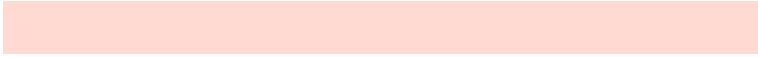
55, 99.549, 41.870

55, 101.383,
41.992

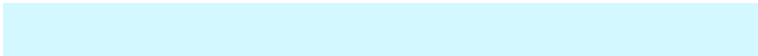
Harmonies

Complementary

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



90, 14.715, 34.531



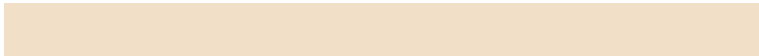
95, 12.757, 215.170

Rectangle

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



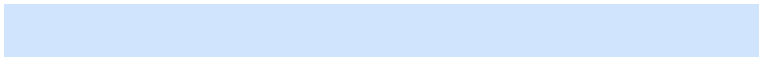
90, 14.715, 34.531



90, 14.715, 84.531



90, 14.715, 214.531



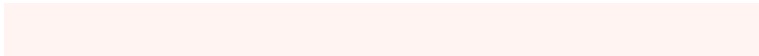
90, 14.715, 264.531

Sweetspot

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



90, 14.328, 34.908



97, 3.943, 34.698



89, 24.883, 329.880



51, 2.698, 34.719



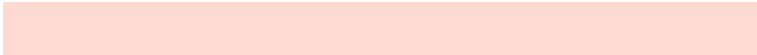
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 14.328, 34.908



88, 17.715, 34.985



95, 15.714, 87.543



50, 4.569, 34.791



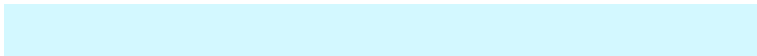
41, 81.255, 42.330



11, 30.573, 35.000

Inverse Universe

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



95, 12.757, 215.170



94, 15.339, 215.269



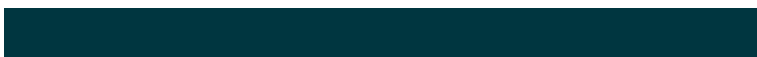
90, 15.604, 272.233



52, 4.297, 215.054



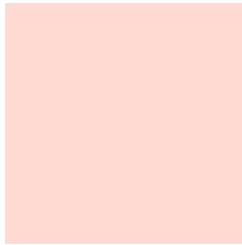
61, 35.070, 226.768



20, 16.186, 222.624

Previews

White Background



This preview shows how the CIELCh color 90, 14.715, 34.531 looks on a white background.

Color Contrast Check

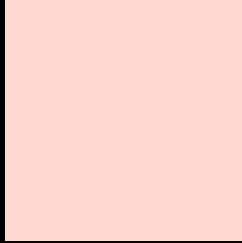
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 14.715, 34.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

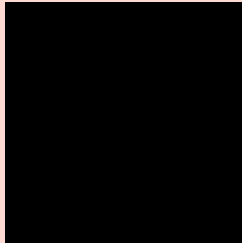
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.715, 34.531

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.715, 34.531.

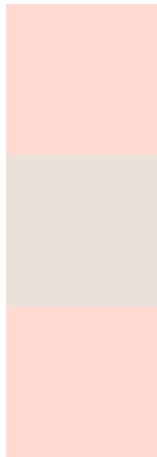


This preview shows how white text looks on a background with the CIELCh color 90, 14.715, 34.531.

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, 14.329, 34.882

Protanopia

90, 5.930, 80.151

Deuteranopia

90, 13.958, 35.255



Tritanopia
90, 16.109, 351.809

Trichromacy



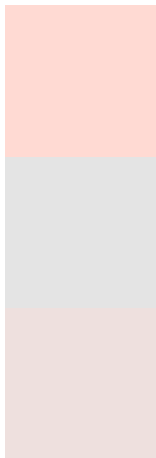
Original Color
90, 14.329, 34.882

Protanomaly
90, 8.134, 50.319

Deuteranomaly
90, 13.958, 35.255

Tritanomaly
90, 14.365, 5.882

Monochromacy



Original Color
90, 14.329, 34.882

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, 14.715, 34.531 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.715, 34.531 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, 211) }
```

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

```
.border{ border-color:rgb(255, 218, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.715, 34.531 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
218, 211) }
```

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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