

Converting Colors

CIE LCh(90, 14.366, 25.202)

Have a look what the booklet for
CIELCh(90, 14.366, 25.202) contains.

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Color

CIELCh(90, 13.843, 26.745)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD7
RGB	255, 218, 215
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1451, 0.1569
CMYK	0.00, 0.15, 0.16, 0.00
HSL	5°, 100%, 92%
HSV	5°, 16%, 100%
XYZ	78.5715, 76.3034, 74.8718
YIQ	228.7210, 23.0150, 6.9110

Conversions

Conversions Part 2

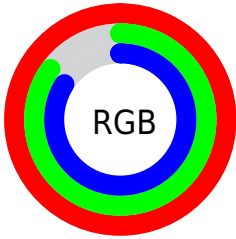
Format	Color
R _Y B	255, 218, 215
Decimal	16767703
CIE Lab	90.00, 12.36, 6.23
CIE LCh	90, 13.843, 26.745
Yxy	76.3034, 0.3420, 0.3321
Android (android.graphics.Color)	4294957783 (0xFFFFDAD7)
YUV	228.7210, -6.7645, 23.0467
Hunter-Lab	87.3518, 7.6922, 10.3271

Details

The CIELCh color **90, 13.843, 26.745** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.457, 205.808**, 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, 13.929, 27.287** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.623, 27.412**, and if you desaturate by 10%, it is **96, 4.814, 26.212**.

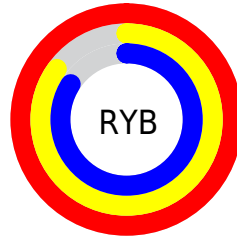
Distribution



Red (100%)

Green (85%)

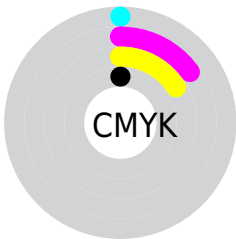
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

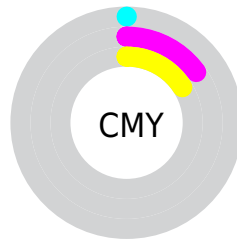


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 13.843, 26.745 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, 13.843, 26.745 by changing the saturation by 10% instead.

 90, 13.843, 26.745

 90, 13.843, 26.745

 100, 13.843,
26.745

 80, 13.843, 26.745

 70, 13.843, 26.745

 60, 13.843, 26.745

 50, 13.843, 26.745

 40, 13.843, 26.745

 30, 13.843, 26.745

 20, 13.843, 26.745

 10, 13.843, 26.745

 0, 13.843, 26.745

90, 13.843, 26.745

90, 13.843, 26.745

84, 23.623, 27.412

96, 4.814, 26.212

78, 34.171, 28.299

100, 0.012,
285.752

72, 45.440, 29.497

67, 57.299, 31.085

63, 69.495, 33.122

59, 81.592, 35.575

56, 92.742, 38.152

54, 101.090,
40.020

54, 103.568,
40.598

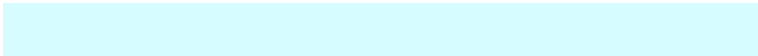
Harmonies

Complementary

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



90, 13.843, 26.745



97, 12.457, 205.808

Rectangle

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



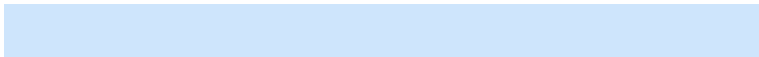
90, 13.843, 26.745



90, 13.843, 76.745



90, 13.843, 206.745



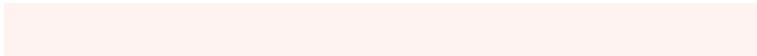
90, 13.843, 256.745

Sweetspot

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



90, 13.841, 26.755



97, 4.221, 26.167



90, 23.949, 327.170



51, 2.888, 26.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

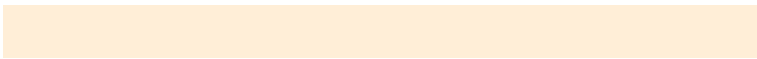
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.841, 26.755



88, 16.998, 26.952



95, 13.271, 80.230



50, 4.890, 26.424



40, 83.170, 40.787



10, 31.914, 30.851

Inverse Universe

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



97, 12.457, 205.808



96, 14.932, 205.740



91, 12.956, 264.538



52, 4.596, 205.976



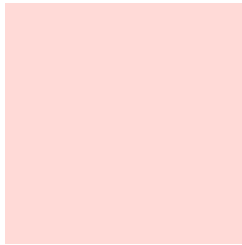
66, 36.738, 209.351



22, 17.059, 207.646

Previews

White Background



This preview shows how the CIELCh color 90, 13.843, 26.745 looks on a white background.

Color Contrast Check

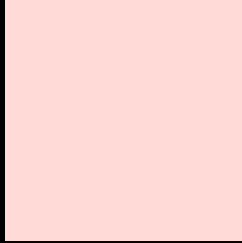
Large Text (above 18pt) WCAG AA × Fail

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, 13.843, 26.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

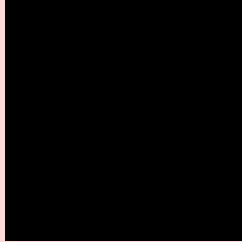
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

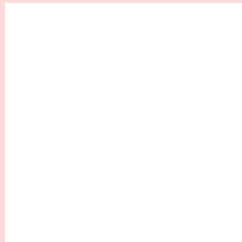
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.843, 26.745

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.843, 26.745.

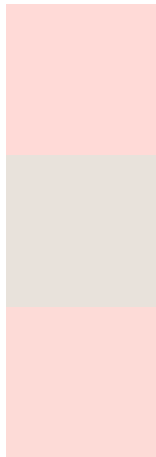


This preview shows how white text looks on a background with the CIELCh color 90, 13.843, 26.745.

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, 13.843, 26.745

Protanopia

90, 4.208, 78.678

Deuteranopia

90, 12.795, 29.509



Tritanopia
90, 16.348, 350.200

Trichromacy



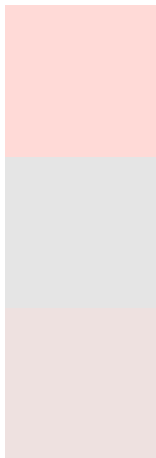
Original Color
90, 13.843, 26.745

Protanomaly
90, 6.730, 42.302

Deuteranomaly
90, 13.170, 29.268

Tritanomaly
90, 14.618, 1.937

Monochromacy



Original Color
90, 13.843, 26.745

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.728, 25.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 13.843, 26.745 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.843, 26.745 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, 215) }
```

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

```
.border{ border-color:rgb(255, 218, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.843, 26.745 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
218, 215) }
```

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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