

Converting Colors

CIELCh(90, 14.077, 24.796)

Have a look what the booklet for
CIELCh(90, 14.077, 24.796) contains.

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Color

CIELCh(90, 13.768, 24.633)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD8
RGB	255, 218, 216
RGB Percent	100%, 85%, 85%
CMY	0.0003, 0.1454, 0.1532
CMYK	0.00, 0.15, 0.15, 0.00
HSL	3°, 100%, 92%
HSV	3°, 15%, 100%
XYZ	78.6484, 76.3034, 75.4984
YIQ	228.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 218, 216
Decimal	16767704
CIE Lab	90.00, 12.52, 5.74
CIE LCh	90, 13.768, 24.633
Yxy	76.3034, 0.3413, 0.3311
Android (android.graphics.Color)	4294957784 (0xFFFFDAD8)
YUV	228.8350, -6.3277, 22.9467
Hunter-Lab	87.3518, 7.8493, 9.9018

Details

The CIELCh color **90, 13.768, 24.633** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.433, 203.432**, 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, 13.840, 25.085** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.714, 25.401**, and if you desaturate by 10%, it is **96, 4.576, 24.002**.

Distribution



Red (100%)

Green (85%)

Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 13.768, 24.633 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, 13.768, 24.633 by changing the saturation by 10% instead.

 90, 13.768, 24.633

 90, 13.768, 24.633

 100, 13.768,
24.633

 80, 13.768, 24.633

 70, 13.768, 24.633

 60, 13.768, 24.633

 50, 13.768, 24.633

 40, 13.768, 24.633

 30, 13.768, 24.633

 20, 13.768, 24.633

 10, 13.768, 24.633

 0, 13.768, 24.633

90, 13.768, 24.633

90, 13.768, 24.633

84, 23.714, 25.401

96, 4.576, 24.002

78, 34.423, 26.405

100, 0.028,
223.817

72, 45.832, 27.740

67, 57.787, 29.499

62, 70.012, 31.750

58, 82.062, 34.476

56, 93.113, 37.385

54, 101.364,
39.619

54, 103.927,
40.368

Harmonies

Complementary

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



90, 13.768, 24.633



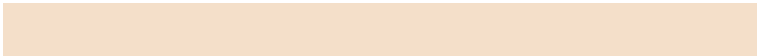
97, 12.433, 203.432

Rectangle

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



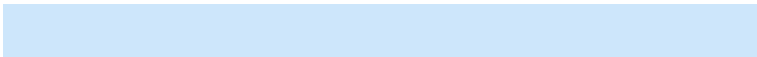
90, 13.768, 24.633



90, 13.768, 74.633



90, 13.768, 204.633



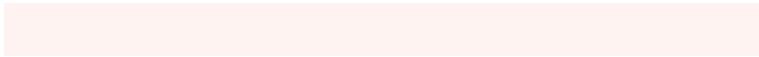
90, 13.768, 254.633

Sweetspot

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



90, 13.766, 24.643



97, 4.315, 23.979



91, 23.613, 326.662



51, 2.952, 24.032



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

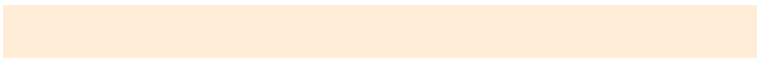
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.766, 24.643



88, 16.384, 24.829



95, 12.766, 78.645



50, 4.998, 24.277



40, 83.526, 40.518



10, 32.345, 29.687

Inverse Universe

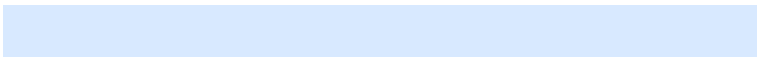
The Inverse Universe completely reimagines the original color for something new.



97, 12.433, 203.432



96, 14.511, 203.345



92, 12.424, 262.830



52, 4.698, 203.650



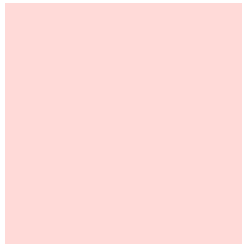
67, 37.700, 204.954



22, 17.473, 203.854

Previews

White Background



This preview shows how the CIELCh color 90, 13.768, 24.633 looks on a white background.

Color Contrast Check

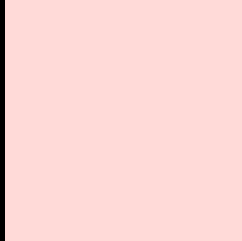
Large Text (above 18pt) WCAG AA × Fail

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, 13.768, 24.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

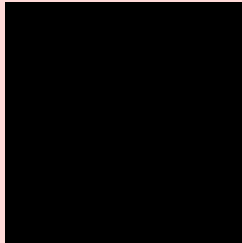
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

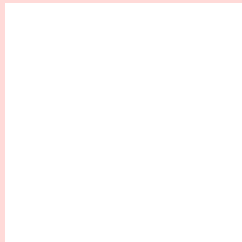
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.768, 24.633

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.768, 24.633.

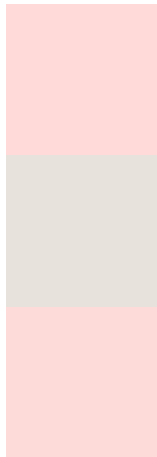


This preview shows how white text looks on a background with the CIELCh color 90, 13.768, 24.633.

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, 13.768, 24.633

Protanopia

90, 3.772, 74.682

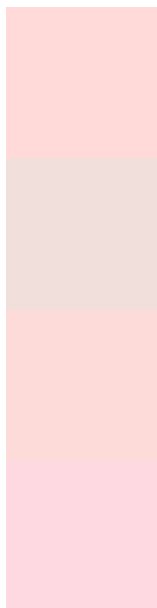
Deuteranopia

90, 12.322, 27.426



Tritanopia
90, 16.348, 350.200

Trichromacy



Original Color
90, 13.768, 24.633

Protanomaly
90, 6.540, 38.156

Deuteranomaly
90, 12.698, 27.238

Tritanomaly
90, 14.618, 1.937

Monochromacy



Original Color
90, 13.768, 24.633

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, 13.768, 24.633 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.768, 24.633 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, 216) }
```

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

```
.border{ border-color:rgb(255, 218, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.768, 24.633 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
218, 216) }
```

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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