

Converting Colors

CIELCh(90, 13.217, 24.070)

Have a look what the booklet for
CIELCh(90, 13.217, 24.070) contains.

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Color

CIELCh(90, 13.335, 22.534)

Conversions

Conversions Part 1

Format	Color
Hex	FEDAD9
RGB	254, 218, 217
RGB Percent	100%, 85%, 85%
CMY	0.0035, 0.1447, 0.1486
CMYK	0.00, 0.14, 0.15, 0.00
HSL	2°, 95%, 92%
HSV	2°, 15%, 100%
XYZ	78.5488, 76.3034, 76.3050
YIQ	228.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

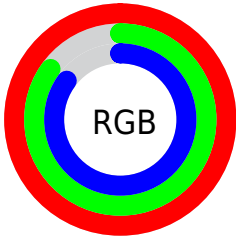
Format	Color
RYB	254, 218, 217
Decimal	16702169
CIELab	90.00, 12.32, 5.11
CIElCh	90, 13.335, 22.534
Yxy	76.3034, 0.3398, 0.3301
Android (android.graphics.Color)	4294892249 (0xFF FEDAD9)
YUV	228.6500, -5.7434, 22.2320
Hunter-Lab	87.3518, 7.6459, 9.3543

Details

The CIELCh color **90, 13.335, 22.534** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.115, 201.138**, 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, 13.371, 22.888** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.412, 23.392**, and if you desaturate by 10%, it is **97, 4.011, 21.804**.

Distribution



Red (100%)

Green (85%)

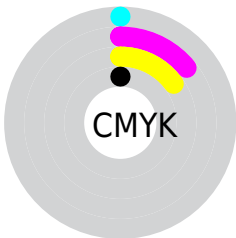
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

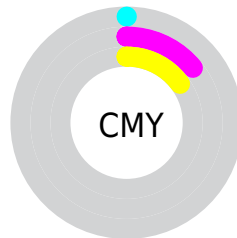


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 13.335, 22.534 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, 13.335, 22.534 by changing the saturation by 10% instead.

 90, 13.335, 22.534

 90, 13.335, 22.534

 100, 13.335,
22.534

 80, 13.335, 22.534

 70, 13.335, 22.534

 60, 13.335, 22.534

 50, 13.335, 22.534

 40, 13.335, 22.534

 30, 13.335, 22.534

 20, 13.335, 22.534

 10, 13.335, 22.534

 0, 13.335, 22.534

90, 13.335, 22.534

90, 13.335, 22.534

84, 23.412, 23.392

97, 4.011, 21.804

77, 34.243, 24.497

100, 0.310,
201.527

72, 45.750, 25.952

66, 57.759, 27.861

62, 69.971, 30.308

58, 81.937, 33.292

55, 92.886, 36.539

54, 101.133,
39.188

53, 103.973,
40.191

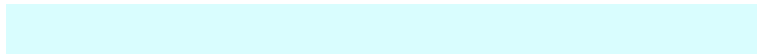
Harmonies

Complementary

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



90, 13.335, 22.534



97, 12.115, 201.138

Rectangle

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



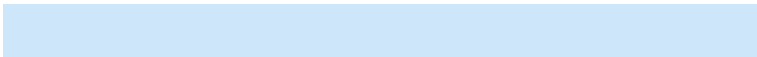
90, 13.335, 22.534



90, 13.335, 72.534



90, 13.335, 202.534



90, 13.335, 252.534

Sweetspot

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



90, 13.333, 22.544



97, 3.520, 21.750



91, 22.928, 325.685



51, 2.509, 21.821



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

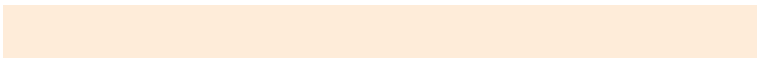
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.333, 22.544



89, 15.765, 22.733



94, 11.822, 75.343



50, 5.115, 22.179



40, 83.855, 40.273



10, 32.812, 28.501

Inverse Universe

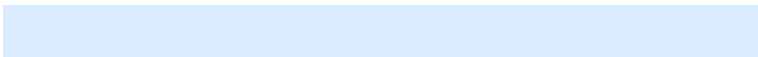
The Inverse Universe completely reimagines the original color for something new.



97, 12.115, 201.138



97, 14.080, 201.032



92, 11.435, 259.263



52, 4.811, 201.379



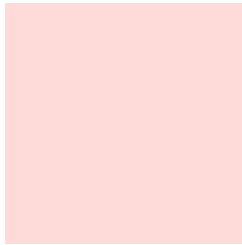
69, 38.866, 200.747



23, 17.959, 200.203

Previews

White Background



This preview shows how the CIELCh color 90, 13.335, 22.534 looks on a white background.

Color Contrast Check

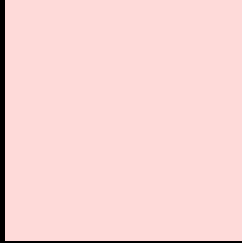
Large Text (above 18pt) WCAG AA × Fail

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, 13.335, 22.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

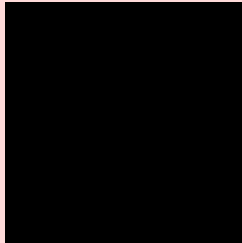
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

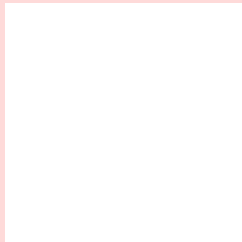
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.335, 22.534

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.335, 22.534.

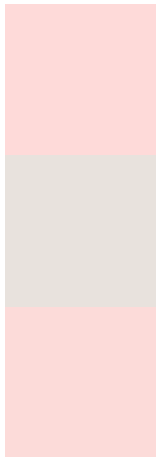


This preview shows how white text looks on a background with the CIELCh color 90, 13.335, 22.534.

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, 13.335, 22.534

Protanopia

90, 3.359, 69.662

Deuteranopia

90, 12.246, 25.052



Tritanopia
90, 16.348, 350.200

Trichromacy



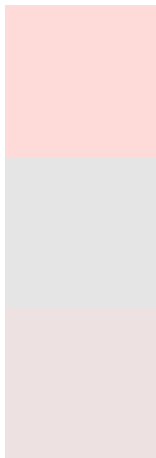
Original Color
90, 13.335, 22.534

Protanomaly
90, 6.386, 33.784

Deuteranomaly
90, 12.622, 24.935

Tritanomaly
90, 14.771, 0.021

Monochromacy



Original Color
90, 13.335, 22.534

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.697, 19.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 13.335, 22.534 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(254, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 217)  
}
```

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(254, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.335, 22.534 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(254, 218, 217) }
```

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

```
.border{ border-color:rgb(254, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.335, 22.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 217) }
```

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

```
.background{ background-color: rgb(254,  
218, 217) }
```

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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