

Converting Colors

CIELCh(96, 37.859, 29.786)

Have a look what the booklet for
CIELCh(96, 37.859, 29.786) contains.

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Color

CIELCh(90, 14.502, 41.047)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBD1
RGB	255, 219, 209
RGB Percent	100%, 86%, 82%
CMY	0.0012, 0.1423, 0.1815
CMYK	0.00, 0.14, 0.18, 0.00
HSL	13°, 99%, 91%
HSV	13°, 18%, 100%
XYZ	77.8579, 76.3034, 70.7588
YIQ	228.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

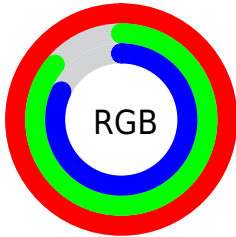
Format	Color
R _Y B	255, 222, 209
Decimal	16767953
CIE Lab	90.00, 10.94, 9.52
CIE LCh	90, 14.502, 41.047
Yxy	76.3034, 0.3462, 0.3392
Android (android.graphics.Color)	4294958033 (0xFFFFDDBD1)
YUV	228.6240, -9.6746, 23.1318
Hunter-Lab	87.3518, 6.2339, 13.1187

Details

The CIELCh color **90, 14.502, 41.047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 12.894, 222.376**, 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, 14.481, 40.148** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.497, 40.993**, and if you desaturate by 10%, it is **95, 6.208, 41.199**.

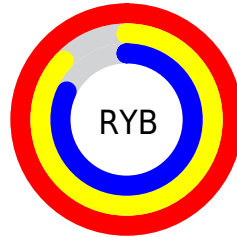
Distribution



Red (100%)

Green (86%)

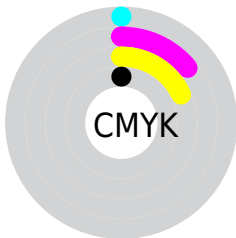
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

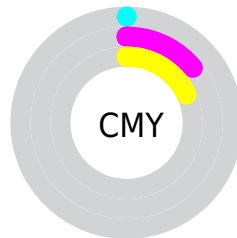


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.502, 41.047 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, 14.502, 41.047 by changing the saturation by 10% instead.

 90, 14.502, 41.047

 90, 14.502, 41.047

 100, 14.502,
41.047

 80, 14.502, 41.047

 70, 14.502, 41.047

 60, 14.502, 41.047

 50, 14.502, 41.047

 40, 14.502, 41.047

 30, 14.502, 41.047

 20, 14.502, 41.047

 10, 14.502, 41.047

 0, 14.502, 41.047

90, 14.502, 41.047

90, 14.502, 41.047

85, 23.497, 40.993

95, 6.208, 41.199

80, 33.239, 41.071

100, 0.104,
205.792

75, 43.736, 41.333

70, 54.932, 41.808

66, 66.652, 42.490

62, 78.473, 43.283

59, 89.424, 43.868

56, 97.689, 43.608

56, 99.062, 43.565

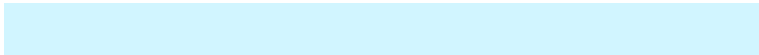
Harmonies

Complementary

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



90, 14.502, 41.047



94, 12.894, 222.376

Rectangle

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



90, 14.502, 41.047



90, 14.502, 91.047



90, 14.502, 221.047



90, 14.502, 271.047

Sweetspot

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



90, 14.501, 41.058



97, 3.808, 41.213



89, 24.830, 332.273



51, 2.606, 41.215



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, 14.501, 41.058



88, 17.980, 41.019



96, 17.512, 92.673



50, 4.412, 41.180



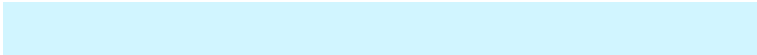
42, 79.392, 44.003



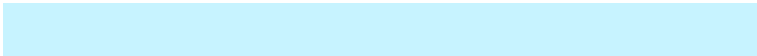
12, 29.723, 38.201

Inverse Universe

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



94, 12.894, 222.376



93, 15.538, 222.621



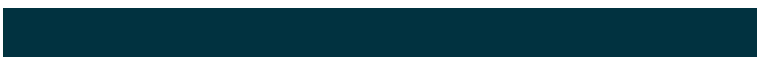
88, 17.623, 277.412



52, 4.160, 221.973



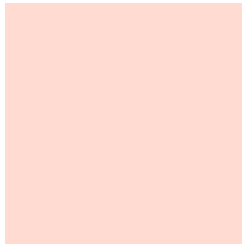
58, 35.780, 239.476



19, 16.222, 233.778

Previews

White Background



This preview shows how the CIELCh color 90, 14.502, 41.047 looks on a white background.

Color Contrast Check

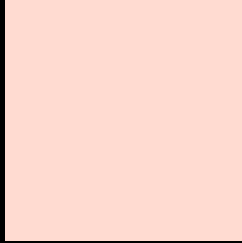
Large Text (above 18pt) WCAG AA × Fail

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, 14.502, 41.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

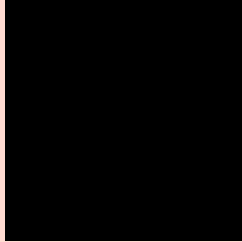
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.502, 41.047

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.502, 41.047.

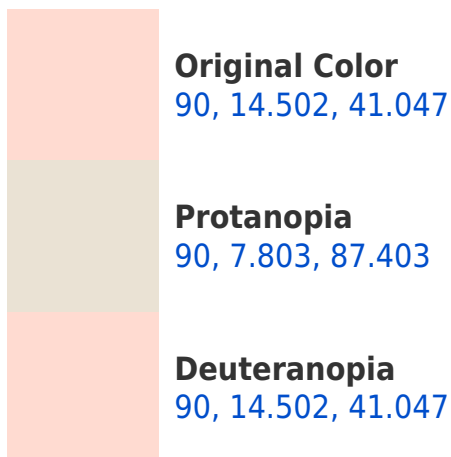


This preview shows how white text looks on a background with the CIELCh color 90, 14.502, 41.047.

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





Tritanopia
90, 16.109, 351.809

Trichromacy



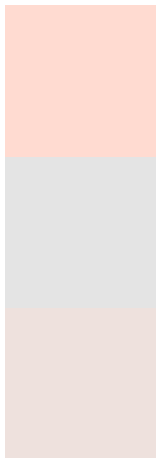
Original Color
90, 14.502, 41.047

Protanomaly
90, 9.391, 61.017

Deuteranomaly
90, 14.502, 41.047

Tritanomaly
90, 14.266, 7.902

Monochromacy



Original Color
90, 14.502, 41.047

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.147, 43.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.502, 41.047 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, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 209)  
}
```

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, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.502, 41.047 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, 219, 209) }
```

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

```
.border{ border-color:rgb(255, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.502, 41.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 209) }
```

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

```
.background{ background-color: rgb(255,  
219, 209) }
```

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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