

Converting Colors

CIELCh(89, 14.577, 24.160)

Have a look what the booklet for
CIELCh(89, 14.577, 24.160) contains.

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Color

CIELCh(89, 14.569, 24.476)

Conversions

Conversions Part 1

Format	Color
Hex	FED7D5
RGB	254, 215, 213
RGB Percent	100%, 84%, 84%
CMY	0.0056, 0.1585, 0.1663
CMYK	0.00, 0.15, 0.16, 0.01
HSL	3°, 93%, 91%
HSV	3°, 16%, 99%
XYZ	76.8697, 74.1641, 72.9411
YIQ	226.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

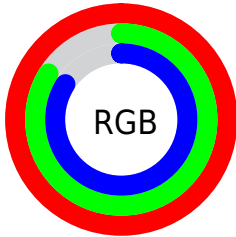
Format	Color
RYB	254, 215, 213
Decimal	16701397
CIELab	89.00, 13.26, 6.04
CIElCh	89, 14.569, 24.476
Yxy	74.1641, 0.3432, 0.3311
Android (android.graphics.Color)	4294891477 (0xFF FED7D5)
YUV	226.4330, -6.6225, 24.1763
Hunter-Lab	86.1186, 8.6221, 10.0653

Details

The CIELCh color **89, 14.569, 24.476** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 13.077, 203.156**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 14.705, 24.928** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.560, 25.272**, and if you desaturate by 10%, it is **95, 5.331, 23.838**.

Distribution



Red (100%)

Green (84%)

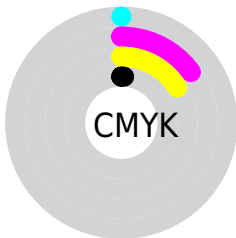
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

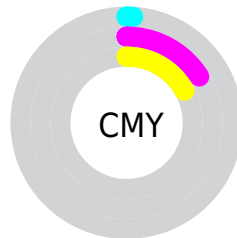


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 14.569, 24.476 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 89, 14.569, 24.476 by changing the saturation by 10% instead.

 89, 14.569, 24.476

 89, 14.569, 24.476

 100, 14.569,
24.476

 79, 14.569, 24.476

 69, 14.569, 24.476

 59, 14.569, 24.476

 49, 14.569, 24.476

 39, 14.569, 24.476

 29, 14.569, 24.476

 19, 14.569, 24.476

 9, 14.569, 24.476

 0, 14.569, 24.476

89, 14.569, 24.476

89, 14.569, 24.476

83, 24.560, 25.272

95, 5.331, 23.838

77, 35.307, 26.314

100, 0.496,
200.709

71, 46.738, 27.698

66, 58.688, 29.515

61, 70.868, 31.835

58, 82.813, 34.623

55, 93.650, 37.552

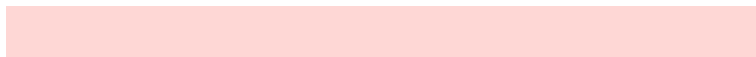
54, 101.478,
39.703

53, 103.540,
40.350

Harmonies

Complementary

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



89, 14.569, 24.476



96, 13.077, 203.156

Rectangle

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



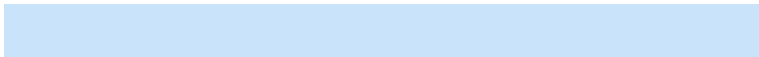
89, 14.569, 24.476



89, 14.569, 74.476



89, 14.569, 204.476



89, 14.569, 254.476

Sweetspot

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



89, 14.567, 24.486



97, 4.325, 23.753



90, 25.132, 326.238



51, 2.959, 23.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

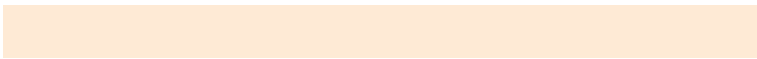
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 14.567, 24.486



88, 17.405, 24.688



94, 13.293, 76.859



50, 5.009, 24.054



40, 83.560, 40.492



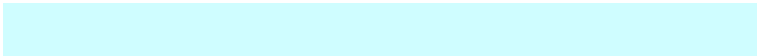
10, 32.392, 29.564

Inverse Universe

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



96, 13.077, 203.156



96, 15.306, 203.064



91, 12.859, 261.266



52, 4.710, 203.409



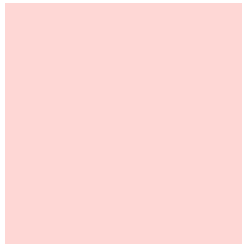
67, 37.813, 204.504



23, 17.520, 203.465

Previews

White Background



This preview shows how the CIELCh color 89, 14.569, 24.476 looks on a white background.

Color Contrast Check

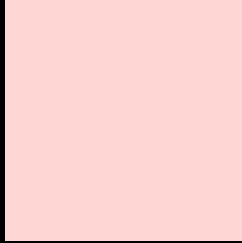
Large Text (above 18pt) WCAG AA × Fail

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 89, 14.569, 24.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

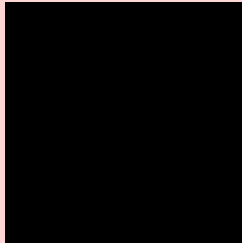
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

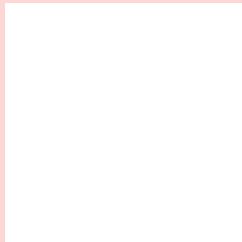
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 14.569, 24.476

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.569, 24.476.

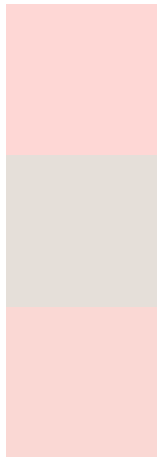


This preview shows how white text looks on a background with the CIELCh color 89, 14.569, 24.476.

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

89, 14.569, 24.476

Protanopia

89, 3.782, 74.676

Deuteranopia

89, 12.833, 29.516



Tritanopia
89, 17.910, 351.298

Trichromacy



Original Color
89, 14.569, 24.476

Protanomaly
89, 7.095, 41.166

Deuteranomaly
89, 13.505, 26.909

Tritanomaly
89, 15.871, 1.562

Monochromacy



Original Color
89, 14.569, 24.476

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.106, 25.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.569, 24.476 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, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 213)  
}
```

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, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.569, 24.476 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, 215, 213) }
```

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

```
.border{ border-color:rgb(254, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.569, 24.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 213) }
```

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

```
.background{ background-color: rgb(254,  
215, 213) }
```

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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