

Converting Colors

CIELCh(96, 37.549, 53.079)

Have a look what the booklet for
CIELCh(96, 37.549, 53.079) contains.

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Color

CIELCh(91, 23.127, 79.433)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1BA
RGB	254, 225, 186
RGB Percent	100%, 88%, 73%
CMY	0.0039, 0.1175, 0.2703
CMYK	0.00, 0.11, 0.27, 0.00
HSL	34°, 97%, 86%
HSV	34°, 27%, 100%
XYZ	76.6729, 78.4833, 57.5952
YIQ	229.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

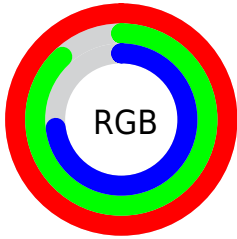
Format	Color
RYB	237, 254, 186
Decimal	16703930
CIELab	91.00, 4.24, 22.73
CIELCh	91, 23.127, 79.433
Yxy	78.4833, 0.3604, 0.3689
Android (android.graphics.Color)	4294894010 (0xFFFE1BA)
YUV	229.2250, -21.3099, 21.7277
Hunter-Lab	88.5908, -0.5471, 23.4676

Details

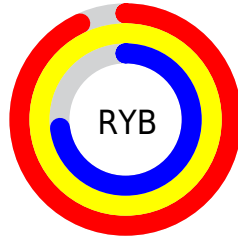
The CIELCh color **91, 23.127, 79.433** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.197, 267.161**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **71, 23.133, 79.143** is the 20% darker color. If you saturate the color by 10%, you get **88, 32.325, 78.072**, and if you desaturate by 10%, it is **94, 14.227, 80.771**.

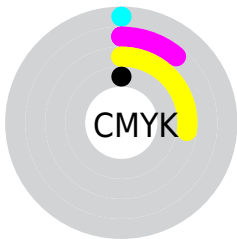
Distribution



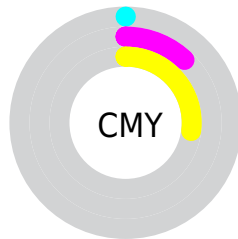
- Red (100%)
- Green (88%)
- Blue (73%)



- Red (93%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 23.127, 79.433 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 91, 23.127, 79.433 by changing the saturation by 10% instead.

 91, 23.127, 79.433

 91, 23.127, 79.433

 100, 23.127,
79.433

 81, 23.127, 79.433

 71, 23.127, 79.433

 61, 23.127, 79.433

 51, 23.127, 79.433

 41, 23.127, 79.433

 31, 23.127, 79.433

 21, 23.127, 79.433

 11, 23.127, 79.433

 1, 23.127, 79.433

91, 23.127, 79.433

91, 23.127, 79.433

88, 32.325, 78.072

94, 14.227, 80.771

85, 41.778, 76.669

97, 5.628, 82.035

82, 51.371, 75.217

100, 0.349,
201.280

79, 60.852, 73.681

76, 69.723, 71.970

74, 77.119, 69.904

71, 81.944, 67.194

71, 83.144, 66.233

Harmonies

Complementary

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



91, 23.127, 79.433



85, 22.197, 267.161

Rectangle

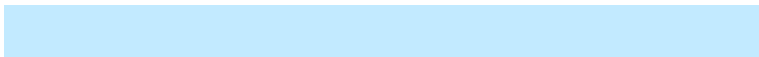
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 23.127, 79.433



91, 23.127, 129.433



91, 23.127, 259.433



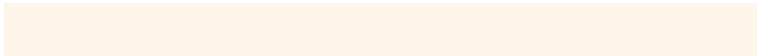
91, 23.127, 309.433

Sweetspot

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



91, 23.128, 79.441



97, 6.712, 81.884



82, 29.245, 350.054



52, 4.783, 81.698



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 23.128, 79.441



90, 28.015, 78.725



98, 34.239, 110.466



52, 4.783, 81.698



54, 67.049, 66.895



17, 27.201, 69.240

Inverse Universe

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



85, 22.197, 267.161



83, 26.650, 268.221



78, 36.508, 295.658



50, 4.728, 264.289



37, 67.266, 290.594



10, 27.081, 284.650

Previews

White Background



This preview shows how the CIE LCh color 91, 23.127, 79.433 looks on a white background.

Color Contrast Check

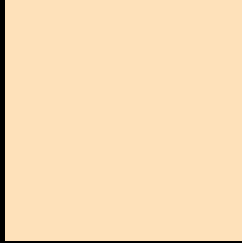
Large Text (above 18pt) WCAG AA × Fail

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 91, 23.127, 79.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

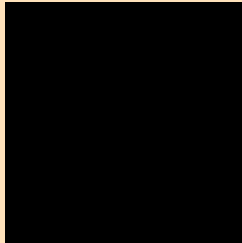
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 23.127, 79.433

Background



This preview shows how black text looks on a background with the CIELCh color 91, 23.127, 79.433.

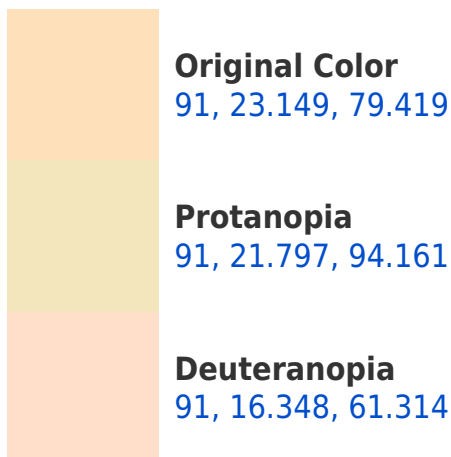



This preview shows how white text looks on a background with the CIELCh color 91, 23.127, 79.433.

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](#).

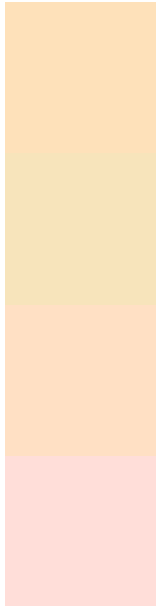
Dichromacy





Tritanopia
91, 14.550, 350.672

Trichromacy



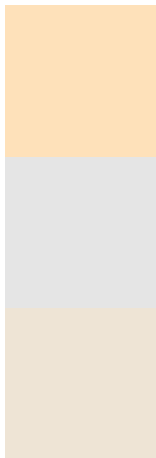
Original Color
91, 23.149, 79.419

Protanomaly
91, 22.387, 89.331

Deuteranomaly
91, 18.788, 69.806

Tritanomaly
91, 12.503, 32.059

Monochromacy



Original Color
91, 23.149, 79.419

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.563, 84.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 23.127, 79.433 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, 225, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 186)  
}
```

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, 225, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 23.127, 79.433 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, 225, 186) }
```

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

```
.border{ border-color:rgb(254, 225, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 225, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 225, 186); box-shadow:4px 4px 4px 4px rgb(254, 225, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 23.127, 79.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 186) }
```

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

```
.background{ background-color: rgb(254,  
225, 186) }
```

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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