

Converting Colors

CIELCh(89, 22.588, 81.174)

Have a look what the booklet for
CIELCh(89, 22.588, 81.174) contains.

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Color

CIELCh(89, 22.869, 81.065)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCB5
RGB	247, 220, 181
RGB Percent	97%, 86%, 71%
CMY	0.0321, 0.1379, 0.2909
CMYK	0.00, 0.11, 0.27, 0.03
HSL	35°, 80%, 84%
HSV	35°, 27%, 97%
XYZ	72.1635, 74.1641, 54.1364
YIQ	223.6270, 28.6110, -6.4050

Conversions

Conversions Part 2

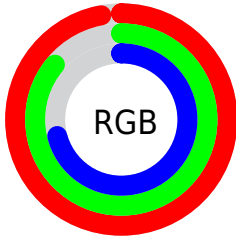
Format	Color
RYB	227, 247, 181
Decimal	16243893
CIELab	89.00, 3.55, 22.59
CIELCh	89, 22.869, 81.065
Yxy	74.1641, 0.3600, 0.3700
Android (android.graphics.Color)	4294433973 (0xFFF7DCB5)
YUV	223.6270, -21.0151, 20.4981
Hunter-Lab	86.1186, -1.1327, 23.0118

Details

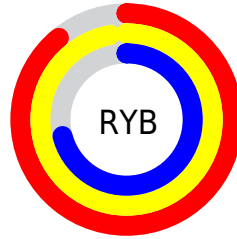
The CIELCh color **89, 22.869, 81.065** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 22.108, 268.774**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **69, 22.856, 80.869** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.918, 79.698**, and if you desaturate by 10%, it is **92, 14.085, 82.406**.

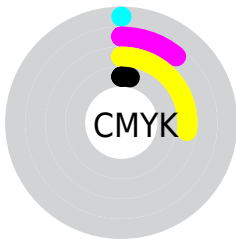
Distribution



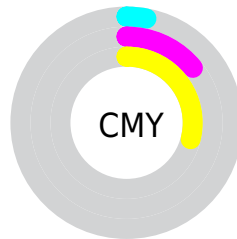
- Red (97%)
- Green (86%)
- Blue (71%)



- Red (89%)
- Yellow (97%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 22.869, 81.065 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, 22.869, 81.065 by changing the saturation by 10% instead.

 89, 22.869, 81.065

 89, 22.869, 81.065

 100, 22.869,
81.065

 79, 22.869, 81.065

 69, 22.869, 81.065

 59, 22.869, 81.065

 49, 22.869, 81.065

 39, 22.869, 81.065

 29, 22.869, 81.065

 19, 22.869, 81.065

 9, 22.869, 81.065

 0, 22.869, 81.065

89, 22.869, 81.065

89, 22.869, 81.065

86, 31.918, 79.698

92, 14.085, 82.406

83, 41.184, 78.285

95, 5.573, 83.674

80, 50.547, 76.822

98, 2.675, 265.128

78, 59.751, 75.274

99, 2.833, 199.459

75, 68.303, 73.555

73, 75.363, 71.496

70, 79.892, 68.830

70, 81.021, 67.888

Harmonies

Complementary

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



89, 22.869, 81.065



83, 22.108, 268.774

Rectangle

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



89, 22.869, 81.065



89, 22.869, 131.065



89, 22.869, 261.065



89, 22.869, 311.065

Sweetspot

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



89, 22.870, 81.072



97, 6.813, 83.519



80, 28.301, 351.083



52, 4.855, 83.333



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, 22.870, 81.072



90, 28.345, 80.346



95, 33.468, 111.190



50, 4.695, 83.337



54, 65.468, 68.545



16, 24.971, 70.876

Inverse Universe

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



83, 22.108, 268.774



82, 27.200, 269.840



76, 35.669, 296.214



48, 4.651, 265.913



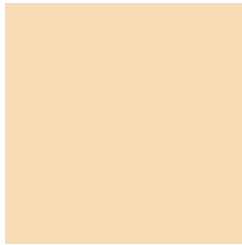
35, 67.915, 291.799



9, 26.021, 285.336

Previews

White Background



This preview shows how the CIELCh color 89, 22.869, 81.065 looks on a white background.

Color Contrast Check

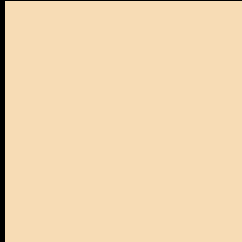
Large Text (above 18pt) WCAG AA × Fail

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 89, 22.869, 81.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

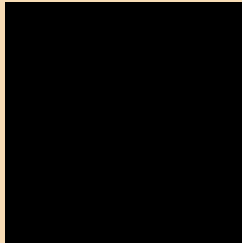
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 22.869, 81.065

Background



This preview shows how black text looks on a background with the CIELCh color 89, 22.869, 81.065.



This preview shows how white text looks on a background with the CIELCh color 89, 22.869, 81.065.

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, 22.869, 81.065

Protanopia

89, 21.907, 94.093

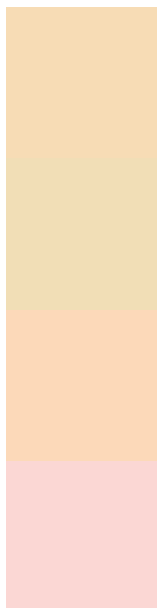
Deuteranopia

89, 21.123, 63.213



Tritanopia
89, 16.951, 349.350

Trichromacy



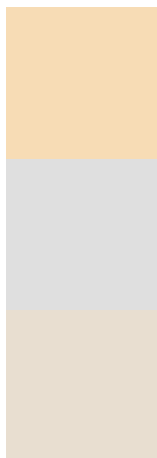
Original Color
89, 22.869, 81.065

Protanomaly
89, 22.013, 88.884

Deuteranomaly
89, 21.606, 69.716

Tritanomaly
89, 13.505, 26.909

Monochromacy



Original Color
89, 22.869, 81.065

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.138, 82.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 22.869, 81.065 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(247, 220, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 181)  
}
```

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(247, 220, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 22.869, 81.065 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(247, 220, 181) }
```

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

```
.border{ border-color:rgb(247, 220, 181) }
```

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

Here you see how a box with a 4 pixel rgb(247, 220, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 22.869, 81.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 181) }
```

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

```
.background{ background-color: rgb(247,  
220, 181) }
```

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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