

Converting Colors

CIELCh(89, 27.294, 89.950)

Have a look what the booklet for
CIELCh(89, 27.294, 89.950) contains.

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Color

CIELCh(89, 27.187, 90.302)

Conversions

Conversions Part 1

Format	Color
Hex	F3DEAC
RGB	243, 222, 172
RGB Percent	95%, 87%, 67%
CMY	0.0477, 0.1300, 0.3260
CMYK	0.00, 0.09, 0.29, 0.05
HSL	42°, 74%, 81%
HSV	42°, 29%, 95%
XYZ	70.4238, 74.1641, 49.5615
YIQ	222.5790, 28.5660, -11.0980

Conversions

Conversions Part 2

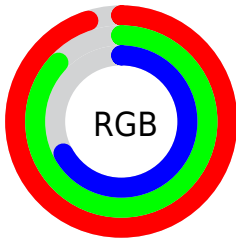
Format	Color
RYB	202, 243, 172
Decimal	15982252
CIELab	89.00, -0.14, 27.19
CIELCh	89, 27.187, 90.302
Yxy	74.1641, 0.3627, 0.3820
Android (android.graphics.Color)	4294172332 (0xFFFF3DEAC)
YUV	222.5790, -24.9354, 17.9092
Hunter-Lab	86.1186, -4.7384, 26.1615

Details

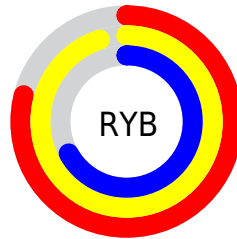
The CIELCh color **89, 27.187, 90.302** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 27.370, 278.453**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **69, 27.369, 90.399** is the 20% darker color. If you saturate the color by 10%, you get **87, 36.710, 88.965**, and if you desaturate by 10%, it is **91, 17.748, 91.610**.

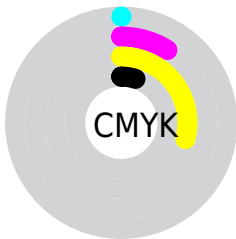
Distribution



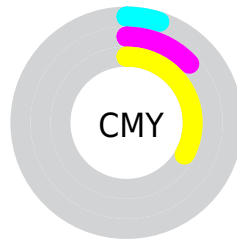
- Red (95%)
- Green (87%)
- Blue (67%)



- Red (79%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (29%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 27.187, 90.302 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, 27.187, 90.302 by changing the saturation by 10% instead.

 89, 27.187, 90.302

 89, 27.187, 90.302

 100, 27.187,
90.302

 79, 27.187, 90.302

 69, 27.187, 90.302

 59, 27.187, 90.302

 49, 27.187, 90.302

 39, 27.187, 90.302

 29, 27.187, 90.302

 19, 27.187, 90.302

 9, 27.187, 90.302

 0, 27.187, 90.302

89, 27.187, 90.302

89, 27.187, 90.302

87, 36.710, 88.965

91, 17.748, 91.610

85, 46.207, 87.583

94, 8.443, 92.861

83, 55.474, 86.154

96, 0.708, 274.463

81, 64.139, 84.652

98, 3.468, 240.080

79, 71.583, 83.018

99, 4.193, 199.297

77, 76.940, 81.138

75, 79.650, 78.888

75, 79.821, 78.711

Harmonies

Complementary

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



89, 27.187, 90.302



78, 27.370, 278.453

Rectangle

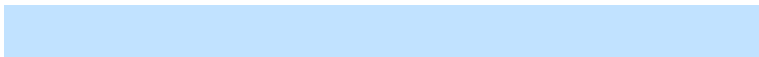
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 27.187, 90.302



89, 27.187, 140.302



89, 27.187, 270.302



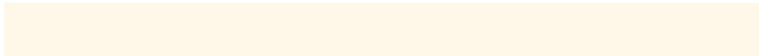
89, 27.187, 320.302

Sweetspot

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



89, 27.188, 90.308



98, 8.562, 92.886



77, 29.008, 359.201



52, 5.958, 92.708



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, 27.188, 90.308



92, 33.998, 89.526



93, 36.433, 115.976



50, 5.233, 92.829



59, 65.438, 79.172



18, 26.333, 81.965

Inverse Universe

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



78, 27.370, 278.453



78, 34.309, 279.610



74, 38.908, 300.431



48, 5.252, 275.270



30, 81.819, 298.584



7, 30.981, 292.608

Previews

White Background



This preview shows how the CIELCh color 89, 27.187, 90.302 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, 27.187, 90.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

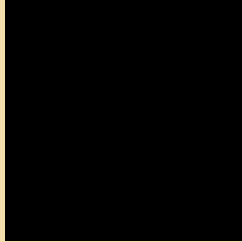
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

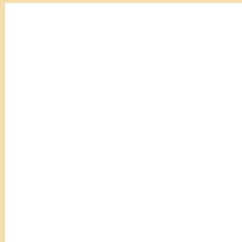
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 27.187, 90.302

Background



This preview shows how black text looks on a background with the CIELCh color 89, 27.187, 90.302.

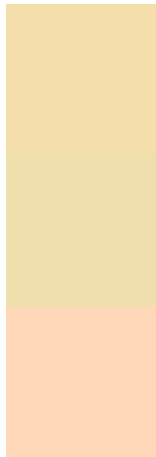


This preview shows how white text looks on a background with the CIELCh color 89, 27.187, 90.302.

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, 27.187, 90.302

Protanopia

89, 27.108, 94.569

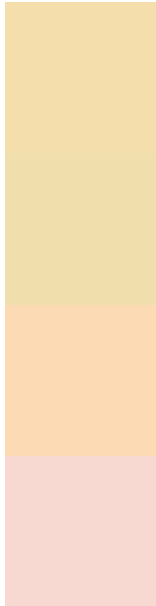
Deuteranopia

89, 22.292, 65.846



Tritanopia
89, 15.714, 346.424

Trichromacy



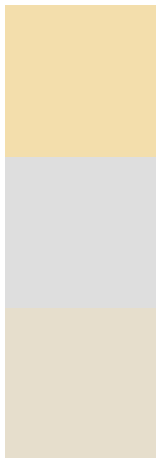
Original Color
89, 27.187, 90.302

Protanomaly
89, 27.206, 93.759

Deuteranomaly
89, 23.697, 75.473

Tritanomaly
89, 11.962, 40.325

Monochromacy



Original Color
89, 27.187, 90.302

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 9.794, 91.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 27.187, 90.302 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(243, 222, 172)` looks like.

```
.text, #text, p{  
    color:rgb(243, 222, 172)  
}
```

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(243, 222, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 222, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 27.187, 90.302 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(243, 222, 172) }
```

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

```
.border{ border-color:rgb(243, 222, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 222, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 222, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 222, 172); box-shadow:4px 4px 4px 4px rgb(243, 222, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 27.187, 90.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 222, 172) }
```

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

```
.background{ background-color: rgb(243,  
222, 172) }
```

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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