

Converting Colors

CIELCh(89, 29.696, 85.842)

Have a look what the booklet for
CIELCh(89, 29.696, 85.842) contains.

CIELCh(89, 29.696, 85.842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 29.696, 85.842)

Conversions

Conversions Part 1

Format	Color
Hex	F8DCA7
RGB	248, 220, 167
RGB Percent	97%, 86%, 65%
CMY	0.0262, 0.1360, 0.3439
CMYK	0.00, 0.11, 0.33, 0.03
HSL	39°, 86%, 81%
HSV	39°, 33%, 97%
XYZ	71.5017, 74.1641, 47.2488
YIQ	222.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

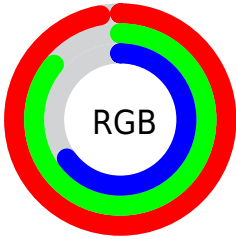
Format	Color
RYB	210, 248, 167
Decimal	16309415
CIELab	89.00, 2.15, 29.62
CIELCh	89, 29.696, 85.842
Yxy	74.1641, 0.3706, 0.3844
Android (android.graphics.Color)	4294499495 (0xFFF8DCA7)
YUV	222.3300, -27.2777, 22.5126
Hunter-Lab	86.1186, -2.5044, 27.7537

Details

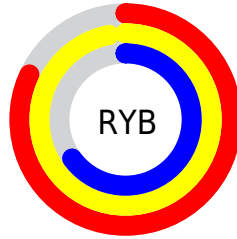
The CIELCh color **89, 29.696, 85.842** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 29.336, 275.375**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **69, 29.527, 85.239** is the 20% darker color. If you saturate the color by 10%, you get **86, 39.157, 84.453**, and if you desaturate by 10%, it is **92, 20.373, 87.200**.

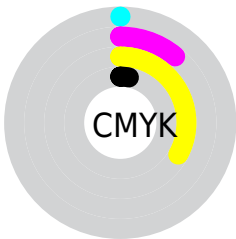
Distribution



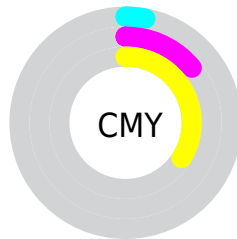
- Red (97%)
- Green (86%)
- Blue (65%)



- Red (82%)
- Yellow (97%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 29.696, 85.842 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, 29.696, 85.842 by changing the saturation by 10% instead.

 89, 29.696, 85.842

 89, 29.696, 85.842

 100, 29.696,
85.842

 79, 29.696, 85.842

 69, 29.696, 85.842

 59, 29.696, 85.842

 49, 29.696, 85.842

 39, 29.696, 85.842

 29, 29.696, 85.842

 19, 29.696, 85.842

 9, 29.696, 85.842

 0, 29.696, 85.842

89, 29.696, 85.842

89, 29.696, 85.842

86, 39.157, 84.453

92, 20.373, 87.200

84, 48.639, 83.012

94, 11.237, 88.504

82, 57.914, 81.507

97, 2.304, 89.673

79, 66.555, 79.888

99, 2.199, 204.237

77, 73.841, 78.054

100, 2.315,
199.545

75, 78.805, 75.826

74, 80.852, 73.880

Harmonies

Complementary

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



89, 29.696, 85.842



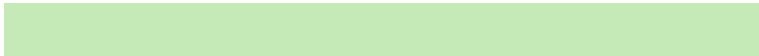
79, 29.336, 275.375

Rectangle

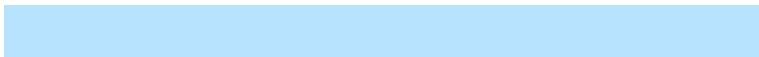
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 29.696, 85.842



89, 29.696, 135.842



89, 29.696, 265.842



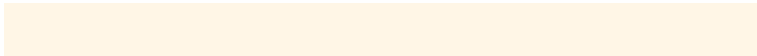
89, 29.696, 315.842

Sweetspot

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



89, 29.697, 85.848



97, 9.061, 88.834



77, 33.774, 356.219



51, 6.193, 88.657



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

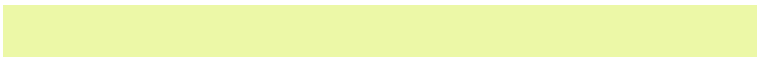
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 29.697, 85.848



89, 36.492, 84.957



95, 41.079, 113.600



51, 5.064, 88.898



57, 65.786, 74.432



18, 26.787, 77.199

Inverse Universe

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



79, 29.336, 275.375



77, 35.998, 276.764



72, 44.397, 299.151



49, 5.056, 271.421



33, 76.592, 295.954



8, 30.001, 290.414

Previews

White Background



This preview shows how the CIELCh color 89, 29.696, 85.842 looks on a white background.

Color Contrast Check

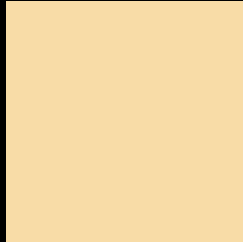
Large Text (above 18pt) WCAG AA × Fail

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, 29.696, 85.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

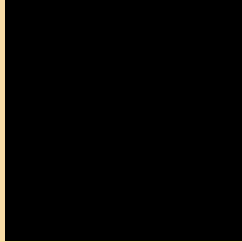
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 29.696, 85.842

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.696, 85.842.

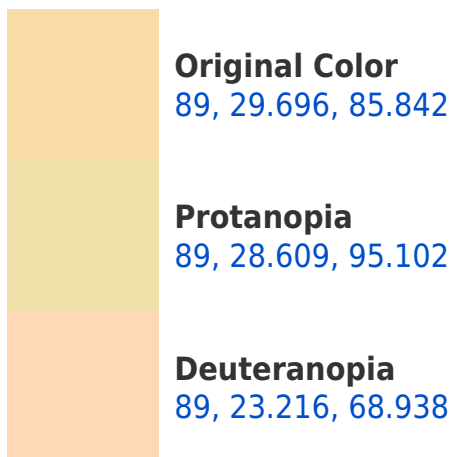


This preview shows how white text looks on a background with the CIELCh color 89, 29.696, 85.842.

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](#).

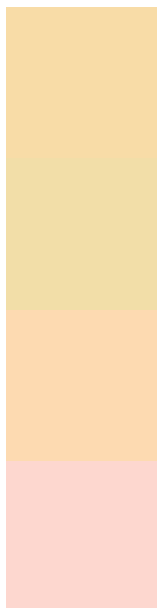
Dichromacy





Tritanopia
89, 17.910, 351.298

Trichromacy



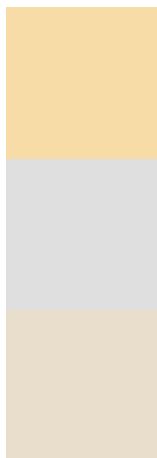
Original Color
89, 29.696, 85.842

Protanomaly
89, 29.043, 92.024

Deuteranomaly
89, 25.484, 75.664

Tritanomaly
89, 14.910, 36.420

Monochromacy



Original Color
89, 29.696, 85.842

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 10.531, 88.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.696, 85.842 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(248, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 167)  
}
```

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(248, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.696, 85.842 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(248, 220, 167) }
```

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

```
.border{ border-color:rgb(248, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 167);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.696, 85.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 167) }
```

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

```
.background{ background-color: rgb(248,  
220, 167) }
```

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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