

Converting Colors

CIELCh(89, 36.607, 85.989)

Have a look what the booklet for
CIELCh(89, 36.607, 85.989) contains.

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Color

CIELCh(89, 36.729, 85.966)

Conversions

Conversions Part 1

Format	Color
Hex	FDDC9A
RGB	253, 220, 154
RGB Percent	99%, 86%, 60%
CMY	0.0092, 0.1385, 0.3972
CMYK	0.00, 0.13, 0.39, 0.01
HSL	40°, 95%, 80%
HSV	40°, 39%, 99%
XYZ	71.7050, 74.1641, 40.9770
YIQ	222.3430, 40.8540, -13.5300

Conversions

Conversions Part 2

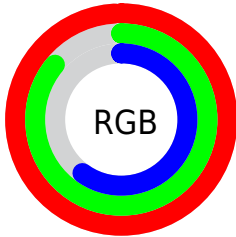
Format	Color
RYB	204, 253, 154
Decimal	16637082
CIELab	89.00, 2.58, 36.64
CIELCh	89, 36.729, 85.966
Yxy	74.1641, 0.3838, 0.3969
Android (android.graphics.Color)	4294827162 (0xFFFD9C9A)
YUV	222.3430, -33.6931, 26.8862
Hunter-Lab	86.1186, -2.0830, 32.0716

Details

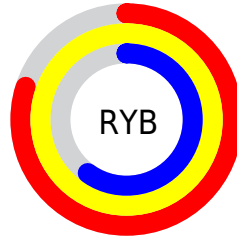
The CIELCh color $89, 36.729, 85.966$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $76, 36.471, 277.762$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $99, 23.230, 108.417$, and $69, 36.706, 85.742$ is the 20% darker color. If you saturate the color by 10%, you get $87, 46.397, 84.553$, and if you desaturate by 10%, it is $92, 27.110, 87.346$.

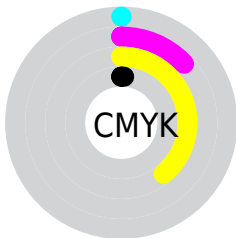
Distribution



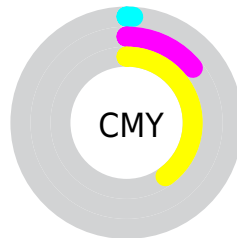
- Red (99%)
- Green (86%)
- Blue (60%)



- Red (80%)
- Yellow (99%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 36.729, 85.966 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, 36.729, 85.966 by changing the saturation by 10% instead.

 89, 36.729, 85.966

 89, 36.729, 85.966

 100, 36.729,
85.966

 79, 36.729, 85.966

 69, 36.729, 85.966

 59, 36.729, 85.966

 49, 36.729, 85.966

 39, 36.729, 85.966

 29, 36.729, 85.966

 19, 36.729, 85.966

 9, 36.729, 85.966

 0, 36.729, 85.966

89, 36.729, 85.966

89, 36.729, 85.966

87, 46.397, 84.553

92, 27.110, 87.346

84, 55.919, 83.080

94, 17.632, 88.677

82, 64.934, 81.519

97, 8.338, 89.954

80, 72.813, 79.794

99, 0.760, 271.616

78, 78.635, 77.761

100, 0.811,
200.171

76, 81.726, 75.261

75, 81.938, 75.047

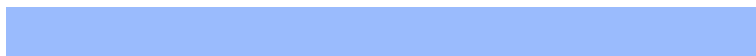
Harmonies

Complementary

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



89, 36.729, 85.966



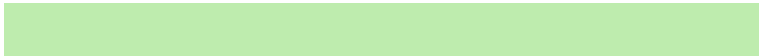
76, 36.471, 277.762

Rectangle

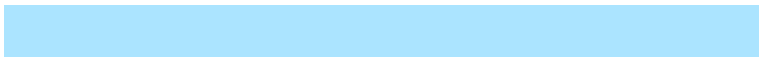
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 36.729, 85.966



89, 36.729, 135.966



89, 36.729, 265.966



89, 36.729, 315.966

Sweetspot

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



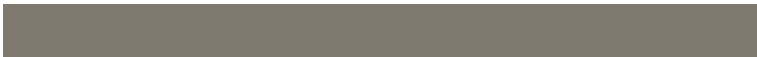
89, 36.730, 85.971



97, 11.032, 89.600



74, 41.033, 358.373



51, 7.329, 89.434



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, 36.730, 85.971



88, 44.637, 84.861



96, 49.783, 113.853



52, 5.212, 89.912



58, 66.475, 75.580



19, 28.096, 78.348

Inverse Universe

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



76, 36.471, 277.762



72, 44.399, 279.652



68, 54.785, 300.477



50, 5.210, 272.422



33, 79.002, 296.697



8, 31.690, 291.560

Previews

White Background



This preview shows how the CIELCh color 89, 36.729, 85.966 looks on a white background.

Color Contrast Check

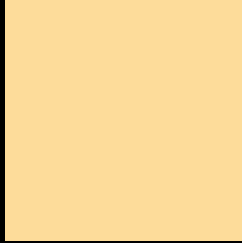
Large Text (above 18pt) WCAG AA × Fail

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, 36.729, 85.966 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, 36.729, 85.966

Background



This preview shows how black text looks on a background with the CIELCh color 89, 36.729, 85.966.



This preview shows how white text looks on a background with the CIELCh color 89, 36.729, 85.966.

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, 36.729, 85.966

Protanopia

89, 36.227, 95.695

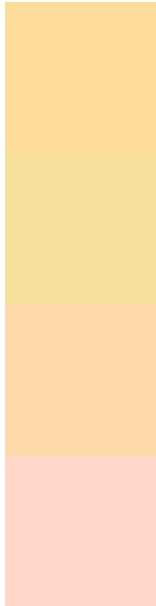
Deuteranopia

89, 24.904, 71.676



Tritanopia
89, 16.718, 356.929

Trichromacy



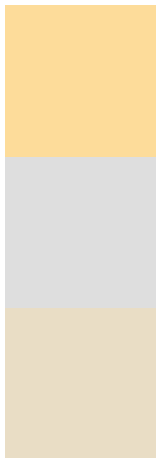
Original Color
89, 36.729, 85.966

Protanomaly
89, 35.908, 91.653

Deuteranomaly
89, 28.870, 78.362

Tritanomaly
89, 16.834, 47.675

Monochromacy



Original Color
89, 36.729, 85.966

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 13.252, 89.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 36.729, 85.966 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(253, 220, 154)` looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 154)  
}
```

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(253, 220, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 36.729, 85.966 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(253, 220, 154) }
```

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

```
.border{ border-color:rgb(253, 220, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 220, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 220, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 220, 154); box-shadow:4px 4px 4px 4px rgb(253, 220, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 36.729, 85.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 154) }
```

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

```
.background{ background-color: rgb(253,  
220, 154) }
```

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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