

Converting Colors

CIELCh(89, 32.925, 84.067)

Have a look what the booklet for
CIELCh(89, 32.925, 84.067) contains.

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Color

CIELCh(89, 32.945, 83.920)

Conversions

Conversions Part 1

Format	Color
Hex	FCDBA1
RGB	252, 219, 161
RGB Percent	99%, 86%, 63%
CMY	0.0105, 0.1399, 0.3675
CMYK	0.00, 0.13, 0.36, 0.01
HSL	38°, 94%, 81%
HSV	38°, 36%, 99%
XYZ	72.1338, 74.1641, 44.3682
YIQ	222.2550, 38.2860, -11.0420

Conversions

Conversions Part 2

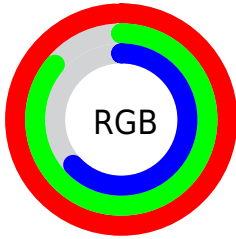
Format	Color
RYB	213, 252, 161
Decimal	16571297
CIELab	89.00, 3.49, 32.76
CIELCh	89, 32.945, 83.920
Yxy	74.1641, 0.3783, 0.3890
Android (android.graphics.Color)	4294761377 (0xFFFCDBA1)
YUV	222.2550, -30.1987, 26.0864
Hunter-Lab	86.1186, -1.1941, 29.7369

Details

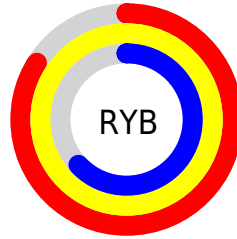
The CIELCh color **89, 32.945, 83.920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 32.242, 274.743**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **69, 32.779, 83.761** is the 20% darker color. If you saturate the color by 10%, you get **86, 42.495, 82.508**, and if you desaturate by 10%, it is **92, 23.535, 85.300**.

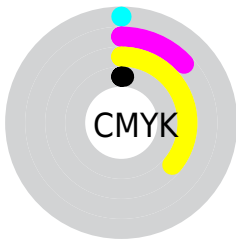
Distribution



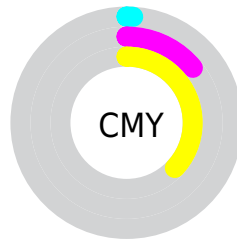
- Red (99%)
- Green (86%)
- Blue (63%)



- Red (84%)
- Yellow (99%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 32.945, 83.920 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, 32.945, 83.920 by changing the saturation by 10% instead.

 89, 32.945, 83.920

 89, 32.945, 83.920

 100, 32.945,
83.920

 79, 32.945, 83.920

 69, 32.945, 83.920

 59, 32.945, 83.920

 49, 32.945, 83.920

 39, 32.945, 83.920

 29, 32.945, 83.920

 19, 32.945, 83.920

 9, 32.945, 83.920

 0, 32.945, 83.920

89, 32.945, 83.920

89, 32.945, 83.920

86, 42.495, 82.508

92, 23.535, 85.300

84, 52.044, 81.040

94, 14.326, 86.630

81, 61.310, 79.491

97, 5.340, 87.889

79, 69.776, 77.792

100, 0.930,
200.059

77, 76.602, 75.806

74, 80.785, 73.310

74, 81.882, 72.226

Harmonies

Complementary

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



89, 32.945, 83.920



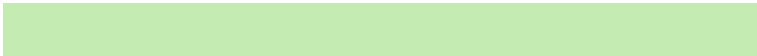
78, 32.242, 274.743

Rectangle

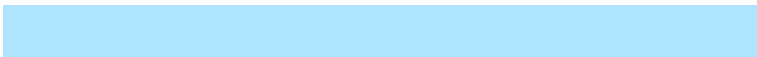
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 32.945, 83.920



89, 32.945, 133.920



89, 32.945, 263.920



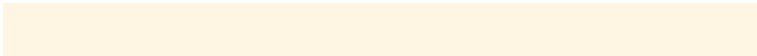
89, 32.945, 313.920

Sweetspot

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



89, 32.946, 83.925



97, 9.820, 87.282



76, 38.193, 355.595



51, 6.610, 87.110



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, 32.946, 83.925



88, 39.891, 82.946



96, 45.798, 112.615



51, 4.982, 87.473



56, 65.799, 72.831



18, 26.586, 75.550

Inverse Universe

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



78, 32.242, 274.743



75, 38.929, 276.353



71, 50.040, 299.047



49, 4.964, 270.016



34, 74.473, 294.937



8, 29.176, 289.243

Previews

White Background



This preview shows how the CIELCh color 89, 32.945, 83.920 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, 32.945, 83.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

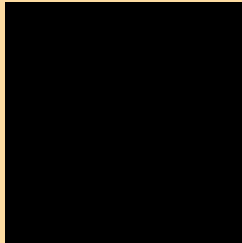
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 32.945, 83.920

Background



This preview shows how black text looks on a background with the CIELCh color 89, 32.945, 83.920.



This preview shows how white text looks on a background with the CIELCh color 89, 32.945, 83.920.

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, 32.945, 83.920

Protanopia

89, 31.695, 95.270

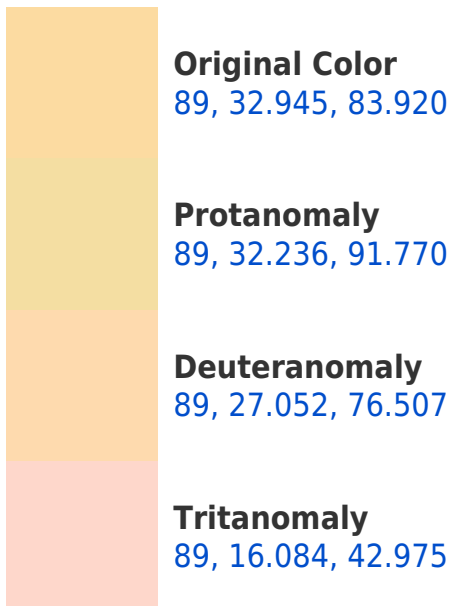
Deuteranopia

89, 24.053, 70.358



Tritanopia
89, 17.464, 354.310

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 32.945, 83.920 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(252, 219, 161)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 161)  
}
```

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(252, 219, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 32.945, 83.920 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(252, 219, 161) }
```

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

```
.border{ border-color:rgb(252, 219, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 161);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 32.945, 83.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 161) }
```

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

```
.background{ background-color: rgb(252,  
219, 161) }
```

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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