

Converting Colors

CIELCh(79, 33.532, 45.011)

Have a look what the booklet for
CIELCh(79, 33.532, 45.011) contains.

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Color

CIELCh(79, 33.591, 44.529)

Conversions

Conversions Part 1

Format	Color
Hex	FCB299
RGB	252, 178, 153
RGB Percent	99%, 70%, 60%
CMY	0.0111, 0.3014, 0.3994
CMYK	0.00, 0.29, 0.39, 0.01
HSL	15°, 95%, 79%
HSV	15°, 39%, 99%
XYZ	61.9133, 54.9284, 37.5366
YIQ	197.2760, 52.1290, 7.9130

Conversions

Conversions Part 2

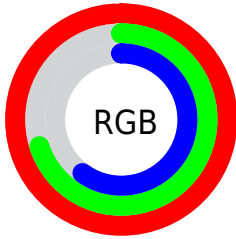
Format	Color
R _Y B	252, 186, 153
Decimal	16560793
CIE Lab	79.00, 23.95, 23.56
CIE LCh	79, 33.591, 44.529
Yxy	54.9284, 0.4010, 0.3558
Android (android.graphics.Color)	4294750873 (0xFFFCB299)
YUV	197.2760, -21.8281, 47.9929
Hunter-Lab	74.1137, 19.4170, 21.8507

Details

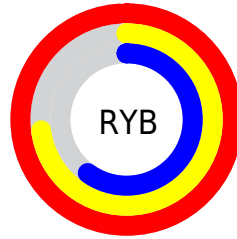
The CIELCh color **79, 33.591, 44.529** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 25.609, 229.178**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 15.967, 79.416**, and **59, 33.415, 44.553** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.886, 44.563**, and if you desaturate by 10%, it is **84, 24.024, 44.662**.

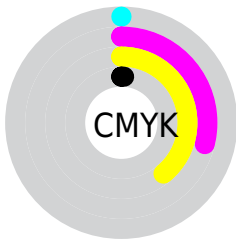
Distribution



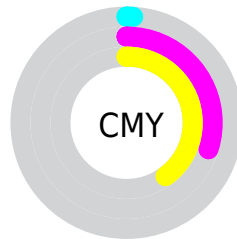
- Red (99%)
- Green (70%)
- Blue (60%)



- Red (99%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (1%)



- Cyan (1%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.591, 44.529 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 79, 33.591, 44.529 by changing the saturation by 10% instead.

79, 33.591, 44.529

79, 33.591, 44.529

100, 33.591,
44.529

69, 33.591, 44.529

99, 33.591, 44.529

59, 33.591, 44.529

49, 33.591, 44.529

39, 33.591, 44.529

29, 33.591, 44.529

19, 33.591, 44.529

9, 33.591, 44.529

0, 33.591, 44.529

79, 33.591, 44.529

79, 33.591, 44.529

74, 43.886, 44.563

84, 24.024, 44.662

70, 54.858, 44.765

89, 15.179, 44.914

66, 66.322, 45.119

94, 7.012, 45.234

62, 77.824, 45.508

99, 0.537, 226.936

59, 88.330, 45.585

100, 0.987,
200.014

57, 96.205, 44.839

56, 96.730, 44.800

Harmonies

Complementary

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



79, 33.591, 44.529



86, 25.609, 229.178

Rectangle

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



79, 33.591, 44.529



79, 33.591, 94.529



79, 33.591, 224.529



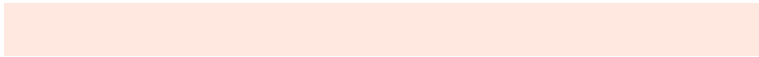
79, 33.591, 274.529

Sweetspot

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



79, 33.590, 44.535



94, 9.263, 45.146



76, 52.047, 335.111



49, 6.177, 45.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 33.590, 44.535



76, 41.871, 44.542



91, 39.377, 92.332



49, 4.273, 45.227



43, 77.298, 45.307



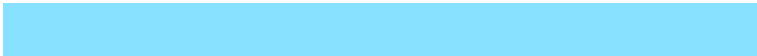
12, 27.971, 39.870

Inverse Universe

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



86, 25.609, 229.178



85, 29.919, 230.398



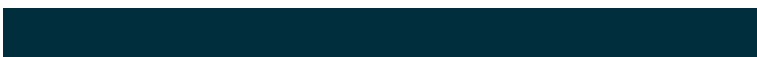
73, 40.640, 283.537



50, 4.040, 226.336



55, 36.605, 246.856



17, 16.064, 240.137

Previews

White Background



This preview shows how the CIELCh color 79, 33.591, 44.529 looks on a white background.

Color Contrast Check

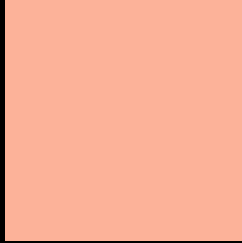
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 33.591, 44.529 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 79, 33.591, 44.529

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.591, 44.529.

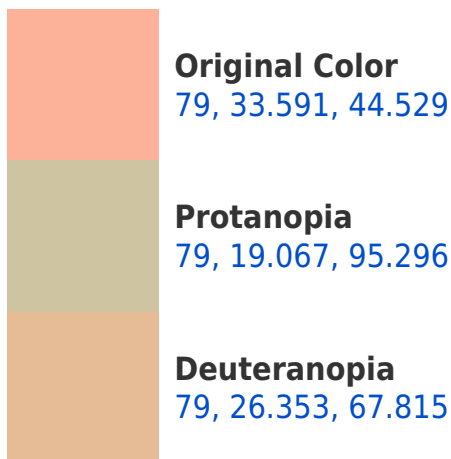


This preview shows how white text looks on a background with the CIELCh color 79, 33.591, 44.529.

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
79, 31.811, 9.901

Trichromacy



Original Color
79, 33.591, 44.529

Protanomaly
79, 21.721, 70.982

Deuteranomaly
79, 28.256, 57.248

Tritanomaly
79, 30.808, 23.003

Monochromacy



Original Color
79, 33.591, 44.529

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.450, 44.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.591, 44.529 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, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(252, 178, 153)  
}
```

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, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 178, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.591, 44.529 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, 178, 153) }
```

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

```
.border{ border-color:rgb(252, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(252, 178,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.591, 44.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 178, 153) }
```

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

```
.background{ background-color: rgb(252,  
178, 153) }
```

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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