

Converting Colors

CIELCh(81, 29.850, 74.177)

Have a look what the booklet for
CIELCh(81, 29.850, 74.177) contains.

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Color

CIELCh(81, 29.831, 73.684)

Conversions

Conversions Part 1

Format	Color
Hex	EBC294
RGB	235, 194, 148
RGB Percent	92%, 76%, 58%
CMY	0.0779, 0.2387, 0.4191
CMYK	0.00, 0.17, 0.37, 0.08
HSL	32°, 69%, 75%
HSV	32°, 37%, 92%
XYZ	58.9843, 58.4711, 36.2469
YIQ	201.0150, 39.2020, -5.6140

Conversions

Conversions Part 2

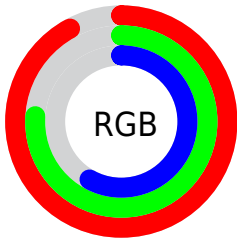
Format	Color
R _Y B	226, 235, 148
Decimal	15450772
CIE Lab	81.00, 8.38, 28.63
CIE LCh	81, 29.831, 73.684
Yxy	58.4711, 0.3838, 0.3804
Android (android.graphics.Color)	4293640852 (0xFFEBC294)
YUV	201.0150, -26.1364, 29.8048
Hunter-Lab	76.4664, 3.8744, 25.4216

Details

The CIELCh color **81, 29.831, 73.684** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 27.363, 264.787**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 24.384, 103.871**, and **61, 29.745, 72.867** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.668, 72.350**, and if you desaturate by 10%, it is **84, 21.313, 75.006**.

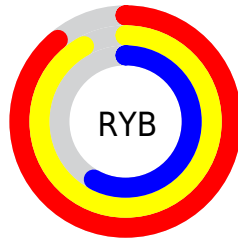
Distribution



Red (92%)

Green (76%)

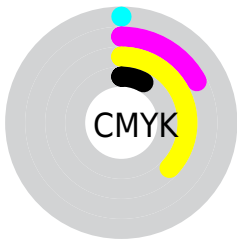
Blue (58%)



Red (89%)

Yellow (92%)

Blue (58%)

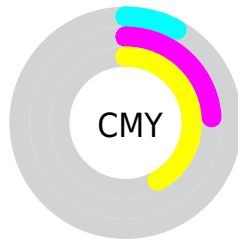


Cyan (0%)

Magenta (17%)

Yellow (37%)

Black (8%)



Cyan (8%)

Magenta (24%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.831, 73.684 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 81, 29.831, 73.684 by changing the saturation by 10% instead.

 81, 29.831, 73.684

 81, 29.831, 73.684

 100, 29.831,
73.684

 71, 29.831, 73.684

 61, 29.831, 73.684

 51, 29.831, 73.684

 41, 29.831, 73.684

 31, 29.831, 73.684

 21, 29.831, 73.684

 11, 29.831, 73.684

 1, 29.831, 73.684

 0, 29.831, 73.684

81, 29.831, 73.684

81, 29.831, 73.684

78, 38.668, 72.350

84, 21.313, 75.006

75, 47.738, 70.976

87, 13.137, 76.295

72, 56.832, 69.527

91, 5.296, 77.525

69, 65.516, 67.908

94, 2.232, 259.015

67, 72.992, 65.919

97, 5.620, 229.058

64, 78.192, 63.243

99, 6.803, 199.072

63, 79.504, 62.396

Harmonies

Complementary

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



81, 29.831, 73.684



75, 27.363, 264.787

Rectangle

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



81, 29.831, 73.684



81, 29.831, 123.684



81, 29.831, 253.684



81, 29.831, 303.684

Sweetspot

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



81, 29.831, 73.690



96, 8.961, 77.041



71, 39.214, 348.271



51, 6.038, 76.872



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 29.831, 73.690



85, 38.443, 72.730



91, 44.072, 107.349



47, 4.310, 77.234



50, 65.184, 63.073



13, 22.217, 64.038

Inverse Universe

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



75, 27.363, 264.787



78, 34.629, 266.539



65, 48.445, 295.563



47, 4.234, 259.785



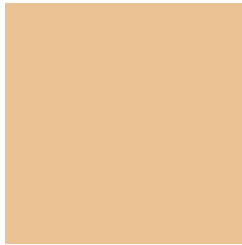
38, 59.033, 286.700



9, 21.643, 278.804

Previews

White Background



This preview shows how the CIELCh color 81, 29.831, 73.684 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 81, 29.831, 73.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

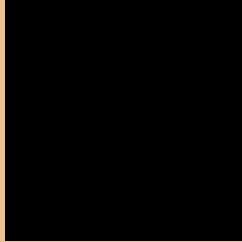
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 29.831, 73.684

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.831, 73.684.



This preview shows how white text looks on a background with the CIELCh color 81, 29.831, 73.684.

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](#).

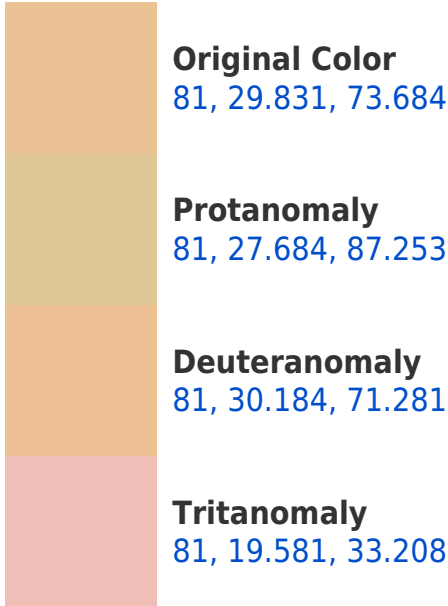
Dichromacy





Tritanopia
81, 21.516, 1.201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.831, 73.684 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(235, 194, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 148)  
}
```

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(235, 194, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.831, 73.684 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(235, 194, 148) }
```

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

```
.border{ border-color:rgb(235, 194, 148) }
```

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

Here you see how a box with a 4 pixel rgb(235, 194, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 148);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.831, 73.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 148) }
```

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

```
.background{ background-color: rgb(235,  
194, 148) }
```

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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