

Converting Colors

CIELCh(81, 33.822, 69.270)

Have a look what the booklet for
CIELCh(81, 33.822, 69.270) contains.

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Color

CIELCh(81, 33.573, 69.759)

Conversions

Conversions Part 1

Format	Color
Hex	F2C08F
RGB	242, 192, 143
RGB Percent	95%, 75%, 56%
CMY	0.0515, 0.2476, 0.4397
CMYK	0.00, 0.21, 0.41, 0.05
HSL	30°, 79%, 75%
HSV	30°, 41%, 95%
XYZ	60.3366, 58.4711, 34.0416
YIQ	201.3640, 45.5290, -4.6390

Conversions

Conversions Part 2

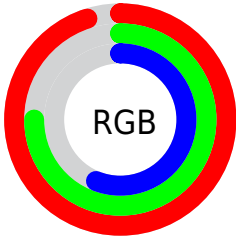
Format	Color
R _Y B	242, 240, 143
Decimal	15909007
CIE Lab	81.00, 11.62, 31.50
CIE LCh	81, 33.573, 69.759
Yxy	58.4711, 0.3947, 0.3825
Android (android.graphics.Color)	4294099087 (0xFFFF2C08F)
YUV	201.3640, -28.7735, 35.6378
Hunter-Lab	76.4664, 7.0312, 27.1316

Details

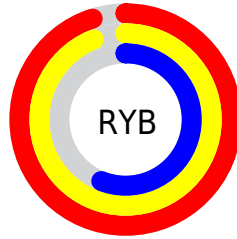
The CIELCh color **81, 33.573, 69.759** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 29.719, 262.058**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.991, 102.302**, and **61, 33.637, 70.291** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.752, 68.491**, and if you desaturate by 10%, it is **84, 24.762, 71.026**.

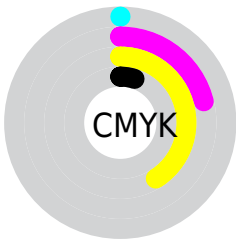
Distribution



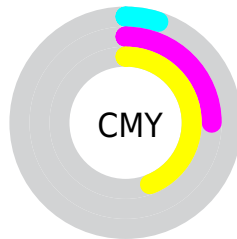
- Red (95%)
- Green (75%)
- Blue (56%)



- Red (95%)
- Yellow (94%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 33.573, 69.759 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, 33.573, 69.759 by changing the saturation by 10% instead.

 81, 33.573, 69.759

 81, 33.573, 69.759

 100, 33.573,
69.759

 71, 33.573, 69.759

 61, 33.573, 69.759

 51, 33.573, 69.759

 41, 33.573, 69.759

 31, 33.573, 69.759

 21, 33.573, 69.759

 11, 33.573, 69.759

 1, 33.573, 69.759

 0, 33.573, 69.759

81, 33.573, 69.759

81, 33.573, 69.759

78, 42.752, 68.491

84, 24.762, 71.026

74, 52.187, 67.185

88, 16.351, 72.275

71, 61.609, 65.788

91, 8.333, 73.493

69, 70.456, 64.161

95, 0.683, 74.139

66, 77.735, 62.027

99, 3.946, 214.801

64, 82.364, 59.492

99, 4.532, 199.264

Harmonies

Complementary

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



81, 33.573, 69.759



76, 29.719, 262.058

Rectangle

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



81, 33.573, 69.759



81, 33.573, 119.759



81, 33.573, 249.759



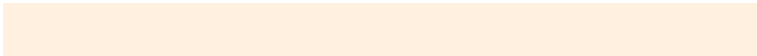
81, 33.573, 299.759

Sweetspot

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



81, 33.573, 69.765



95, 9.579, 73.361



71, 45.140, 346.816



50, 6.374, 73.204



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, 33.573, 69.765



82, 42.768, 68.720



93, 48.909, 105.487



48, 4.287, 73.665



49, 66.735, 60.203



14, 23.415, 60.687

Inverse Universe

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



76, 29.719, 262.058



76, 36.859, 264.223



64, 54.290, 295.168



48, 4.189, 256.174



40, 55.843, 283.554



10, 21.191, 275.797

Previews

White Background



This preview shows how the CIELCh color 81, 33.573, 69.759 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, 33.573, 69.759 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, 33.573, 69.759

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.573, 69.759.



This preview shows how white text looks on a background with the CIELCh color 81, 33.573, 69.759.

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

81, 33.573, 69.759

Protanopia

81, 29.062, 95.535

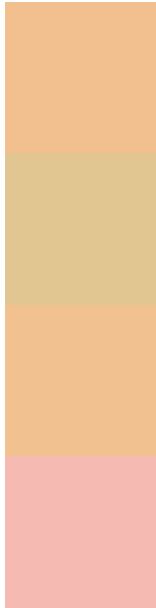
Deuteranopia

81, 33.170, 71.901



Tritanopia
81, 24.964, 3.158

Trichromacy



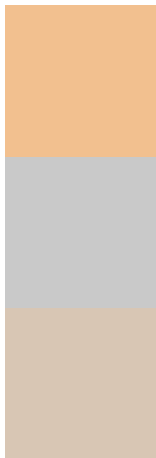
Original Color
81, 33.573, 69.759

Protanomaly
81, 30.148, 86.151

Deuteranomaly
81, 33.433, 71.339

Tritanomaly
81, 23.203, 31.558

Monochromacy



Original Color
81, 33.573, 69.759

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.790, 73.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.573, 69.759 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(242, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(242, 192, 143)  
}
```

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(242, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 192, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.573, 69.759 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(242, 192, 143) }
```

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

```
.border{ border-color:rgb(242, 192, 143) }
```

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

Here you see how a box with a 4 pixel rgb(242, 192, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(242, 192,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.573, 69.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 192, 143) }
```

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

```
.background{ background-color: rgb(242,  
192, 143) }
```

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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