

Converting Colors

CIELCh(81, 36.842, 73.628)

Have a look what the booklet for
CIELCh(81, 36.842, 73.628) contains.

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Color

CIELCh(81, 37.096, 73.104)

Conversions

Conversions Part 1

Format	Color
Hex	F2C087
RGB	242, 192, 135
RGB Percent	95%, 75%, 53%
CMY	0.0500, 0.2462, 0.4698
CMYK	0.00, 0.21, 0.44, 0.05
HSL	32°, 81%, 74%
HSV	32°, 44%, 95%
XYZ	59.9861, 58.4711, 31.1235
YIQ	200.4520, 48.0970, -7.1270

Conversions

Conversions Part 2

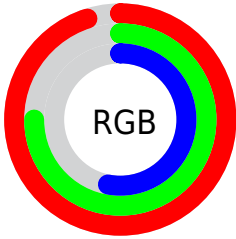
Format	Color
R _Y B	229, 242, 135
Decimal	15908999
CIE Lab	81.00, 10.78, 35.49
CIE LCh	81, 37.096, 73.104
Yxy	58.4711, 0.4010, 0.3909
Android (android.graphics.Color)	4294099079 (0xFFFF2C087)
YUV	200.4520, -32.2678, 36.4376
Hunter-Lab	76.4664, 6.2129, 29.3941

Details

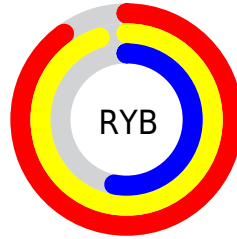
The CIELCh color **81, 37.096, 73.104** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 33.517, 266.968**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 29.989, 102.721**, and **61, 37.350, 73.495** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.332, 71.736**, and if you desaturate by 10%, it is **84, 28.124, 74.451**.

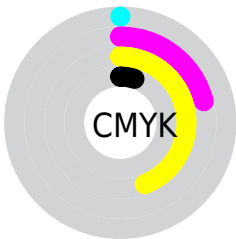
Distribution



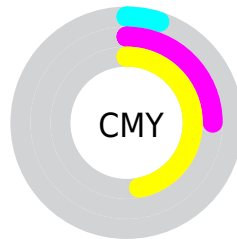
- Red (95%)
- Green (75%)
- Blue (53%)



- Red (90%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 37.096, 73.104 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, 37.096, 73.104 by changing the saturation by 10% instead.

81, 37.096, 73.104

81, 37.096, 73.104

100, 37.096,
73.104

71, 37.096, 73.104

61, 37.096, 73.104

51, 37.096, 73.104

41, 37.096, 73.104

31, 37.096, 73.104

21, 37.096, 73.104

11, 37.096, 73.104

1, 37.096, 73.104

0, 37.096, 73.104

81, 37.096, 73.104

81, 37.096, 73.104

78, 46.332, 71.736

84, 28.124, 74.451

75, 55.658, 70.303

87, 19.483, 75.768

72, 64.701, 68.732

91, 11.188, 77.052

69, 72.753, 66.857

94, 3.227, 78.236

67, 78.730, 64.380

98, 3.860, 254.406

65, 81.216, 62.671

99, 4.401, 199.277

Harmonies

Complementary

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



81, 37.096, 73.104



74, 33.517, 266.968

Rectangle

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



81, 37.096, 73.104



81, 37.096, 123.104



81, 37.096, 253.104



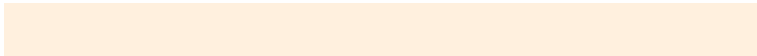
81, 37.096, 303.104

Sweetspot

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



81, 37.096, 73.109



95, 10.665, 77.196



69, 47.794, 349.247



50, 7.498, 76.917



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, 37.096, 73.109



82, 47.164, 71.881



93, 53.437, 106.698



48, 4.400, 77.637



51, 65.787, 63.373



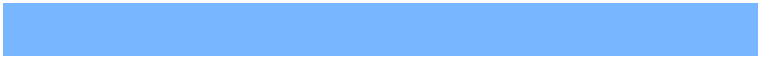
14, 23.461, 64.669

Inverse Universe

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



74, 33.517, 266.968



73, 41.748, 269.471



61, 60.180, 296.848



48, 4.324, 260.197



38, 60.173, 287.097



9, 22.647, 279.687

Previews

White Background



This preview shows how the CIELCh color 81, 37.096, 73.104 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, 37.096, 73.104 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, 37.096, 73.104

Background



This preview shows how black text looks on a background with the CIELCh color 81, 37.096, 73.104.



This preview shows how white text looks on a background with the CIELCh color 81, 37.096, 73.104.

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, 37.096, 73.104

Protanopia

81, 33.297, 95.144

Deuteranopia

81, 37.003, 74.546



Tritanopia
81, 25.216, 4.633

Trichromacy



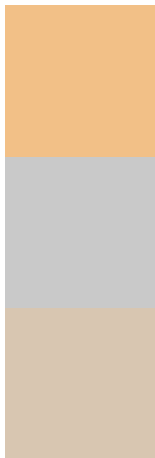
Original Color
81, 37.096, 73.104

Protanomaly
81, 33.896, 86.600

Deuteranomaly
81, 37.003, 74.546

Tritanomaly
81, 24.282, 36.143

Monochromacy



Original Color
81, 37.096, 73.104

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 13.132, 77.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 37.096, 73.104 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 192, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 192, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 37.096, 73.104 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, 135) }
```

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

```
.border{ border-color:rgb(242, 192, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 192, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 192, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 192,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 37.096, 73.104 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, 135) }
```

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

```
.background{ background-color: rgb(242,  
192, 135) }
```

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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