

Converting Colors

CIELCh(81, 39.863, 66.134)

Have a look what the booklet for
CIELCh(81, 39.863, 66.134) contains.

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Color

CIELCh(81, 39.693, 66.508)

Conversions

Conversions Part 1

Format	Color
Hex	FBBD86
RGB	251, 189, 134
RGB Percent	98%, 74%, 53%
CMY	0.0167, 0.2597, 0.4754
CMYK	0.00, 0.25, 0.47, 0.02
HSL	28°, 93%, 75%
HSV	28°, 47%, 98%
XYZ	62.1263, 58.4711, 30.4842
YIQ	201.2680, 54.6070, -3.9610

Conversions

Conversions Part 2

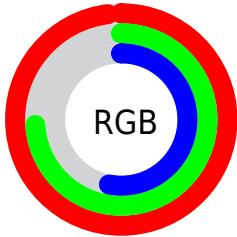
Format	Color
R _Y B	251, 238, 134
Decimal	16498054
CIE Lab	81.00, 15.82, 36.40
CIE LCh	81, 39.693, 66.508
Yxy	58.4711, 0.4112, 0.3870
Android (android.graphics.Color)	4294688134 (0xFFFBBBD86)
YUV	201.2680, -33.1631, 43.6150
Hunter-Lab	76.4664, 11.2088, 29.8898

Details

The CIELCh color **81, 39.693, 66.508** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 33.702, 260.676**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 29.186, 100.340**, and **61, 39.872, 66.979** is the 20% darker color. If you saturate the color by 10%, you get **78, 49.392, 65.306**, and if you desaturate by 10%, it is **85, 30.375, 67.712**.

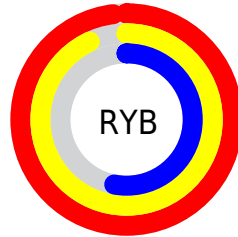
Distribution



Red (98%)

Green (74%)

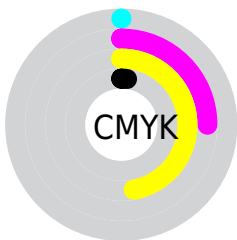
Blue (53%)



Red (98%)

Yellow (93%)

Blue (53%)

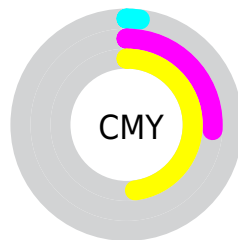


Cyan (0%)

Magenta (25%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (26%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 39.693, 66.508 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, 39.693, 66.508 by changing the saturation by 10% instead.

 81, 39.693, 66.508

 81, 39.693, 66.508

 100, 39.693,
66.508

 71, 39.693, 66.508

 61, 39.693, 66.508

 51, 39.693, 66.508

 41, 39.693, 66.508

 31, 39.693, 66.508

 21, 39.693, 66.508

 11, 39.693, 66.508

 1, 39.693, 66.508

 0, 39.693, 66.508

81, 39.693, 66.508

81, 39.693, 66.508

78, 49.392, 65.306

85, 30.375, 67.712

74, 59.289, 64.054

88, 21.503, 68.911

71, 68.966, 62.653

92, 13.082, 70.102

68, 77.594, 60.881

96, 5.087, 71.243

65, 83.920, 58.354

100, 1.478,
199.760

64, 85.673, 57.429

Harmonies

Complementary

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



81, 39.693, 66.508



77, 33.702, 260.676

Rectangle

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



81, 39.693, 66.508



81, 39.693, 116.508



81, 39.693, 246.508



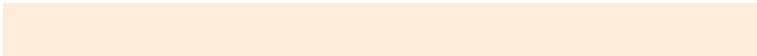
81, 39.693, 296.508

Sweetspot

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



81, 39.693, 66.513



94, 11.076, 70.412



70, 53.171, 346.608



50, 7.690, 70.158



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, 39.693, 66.513



79, 49.430, 65.379



95, 56.139, 104.165



50, 4.372, 70.932



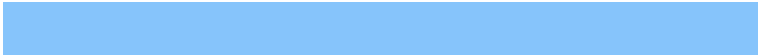
49, 68.894, 58.141



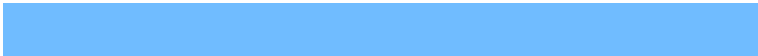
15, 25.877, 58.646

Inverse Universe

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



77, 33.702, 260.676



74, 40.501, 263.442



62, 63.323, 295.680



50, 4.255, 253.394



42, 54.297, 281.056



12, 21.761, 273.912

Previews

White Background



This preview shows how the CIELCh color 81, 39.693, 66.508 looks on a white background.

Color Contrast Check

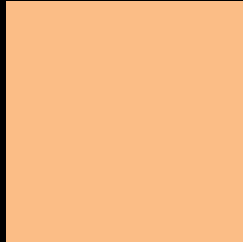
Large Text (above 18pt) WCAG AA × Fail

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, 39.693, 66.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

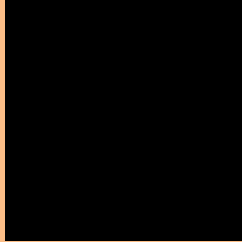
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 39.693, 66.508

Background



This preview shows how black text looks on a background with the CIELCh color 81, 39.693, 66.508.



This preview shows how white text looks on a background with the CIELCh color 81, 39.693, 66.508.

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, 39.693, 66.508

Protanopia

81, 33.297, 95.144

Deuteranopia

81, 38.152, 74.716



Tritanopia
81, 29.009, 7.311

Trichromacy



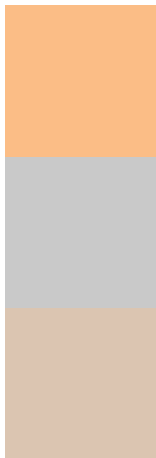
Original Color
81, 39.693, 66.508

Protanomaly
81, 34.600, 84.010

Deuteranomaly
81, 38.627, 71.434

Tritanomaly
81, 28.162, 33.301

Monochromacy



Original Color
81, 39.693, 66.508

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 13.628, 70.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 39.693, 66.508 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(251, 189, 134)` looks like.

```
.text, #text, p{  
    color:rgb(251, 189, 134)  
}
```

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(251, 189, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 189, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 39.693, 66.508 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(251, 189, 134) }
```

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

```
.border{ border-color:rgb(251, 189, 134) }
```

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

Here you see how a box with a 4 pixel rgb(251, 189, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 189, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 189, 134);  
box-shadow:4px 4px 4px 4px rgb(251, 189,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 39.693, 66.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 189, 134) }
```

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

```
.background{ background-color: rgb(251,  
189, 134) }
```

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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