

Converting Colors

CIELCh(81, 33.916, 66.455)

Have a look what the booklet for
CIELCh(81, 33.916, 66.455) contains.

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Color

CIELCh(81, 33.895, 66.669)

Conversions

Conversions Part 1

Format	Color
Hex	F5BF90
RGB	245, 191, 144
RGB Percent	96%, 75%, 56%
CMY	0.0406, 0.2522, 0.4365
CMYK	0.00, 0.22, 0.41, 0.04
HSL	28°, 83%, 76%
HSV	28°, 41%, 96%
XYZ	61.1017, 58.4711, 34.3254
YIQ	201.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

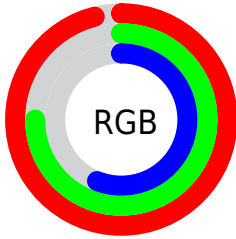
Format	Color
R _Y B	245, 232, 144
Decimal	16105360
CIE Lab	81.00, 13.42, 31.12
CIE LCh	81, 33.895, 66.669
Yxy	58.4711, 0.3970, 0.3799
Android (android.graphics.Color)	4294295440 (0xFFFF5BF90)
YUV	201.7880, -28.4895, 37.8969
Hunter-Lab	76.4664, 8.8171, 26.9115

Details

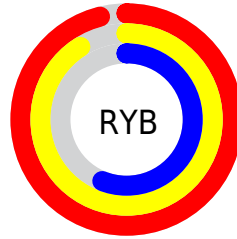
The CIELCh color **81, 33.895, 66.669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 29.282, 258.711**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.051, 101.285**, and **61, 33.998, 67.046** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.221, 65.493**, and if you desaturate by 10%, it is **85, 24.995, 67.858**.

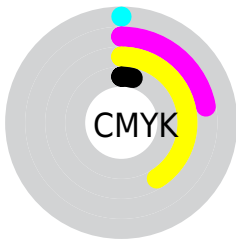
Distribution



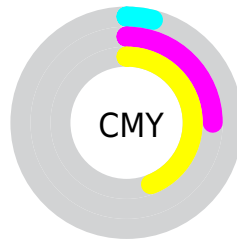
- Red (96%)
- Green (75%)
- Blue (56%)



- Red (96%)
- Yellow (91%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 33.895, 66.669 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, 33.895, 66.669 by changing the saturation by 10% instead.

 81, 33.895, 66.669

 81, 33.895, 66.669

 100, 33.895,
66.669

 71, 33.895, 66.669

 61, 33.895, 66.669

 51, 33.895, 66.669

 41, 33.895, 66.669

 31, 33.895, 66.669

 21, 33.895, 66.669

 11, 33.895, 66.669

 1, 33.895, 66.669

 0, 33.895, 66.669

81, 33.895, 66.669

81, 33.895, 66.669

78, 43.221, 65.493

85, 24.995, 67.858

74, 52.869, 64.293

88, 16.547, 69.042

71, 62.577, 63.016

92, 8.535, 70.206

68, 71.780, 61.511

96, 0.929, 70.944

65, 79.445, 59.479

99, 3.579, 199.363

63, 84.257, 57.117

Harmonies

Complementary

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



81, 33.895, 66.669



78, 29.282, 258.711

Rectangle

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



81, 33.895, 66.669



81, 33.895, 116.669



81, 33.895, 246.669



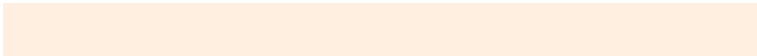
81, 33.895, 296.669

Sweetspot

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



81, 33.895, 66.675



95, 9.420, 70.119



72, 46.827, 344.964



50, 6.270, 69.969



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, 33.895, 66.675



81, 43.466, 65.630



93, 48.288, 103.899



49, 4.287, 70.407



49, 68.335, 57.814



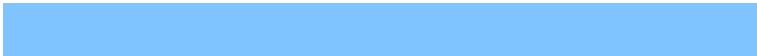
14, 24.685, 57.908

Inverse Universe

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



78, 29.282, 258.711



77, 36.254, 261.058



65, 53.277, 293.953



49, 4.170, 252.851



42, 53.186, 280.489



11, 20.853, 272.914

Previews

White Background



This preview shows how the CIELCh color 81, 33.895, 66.669 looks on a white background.

Color Contrast Check

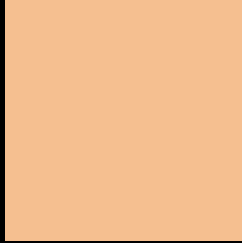
Large Text (above 18pt) WCAG AA × Fail

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 81, 33.895, 66.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

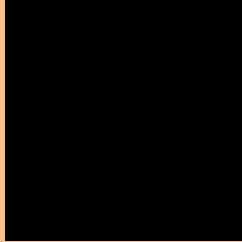
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 33.895, 66.669

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.895, 66.669.



This preview shows how white text looks on a background with the CIELCh color 81, 33.895, 66.669.

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, 33.895, 66.669

Protanopia

81, 28.553, 95.381

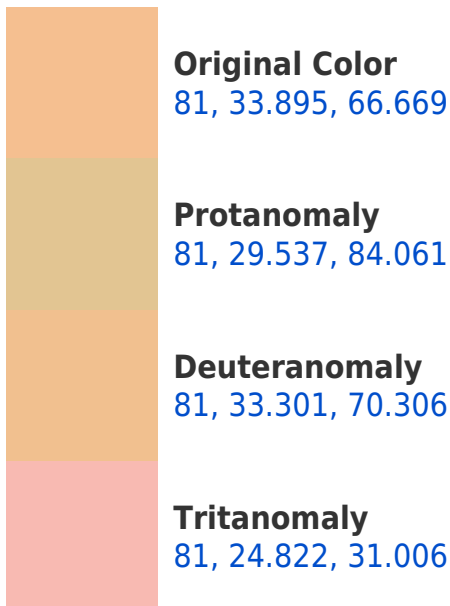
Deuteranopia

81, 32.912, 72.473



Tritanopia
81, 25.953, 5.211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.895, 66.669 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(245, 191, 144)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 144)  
}
```

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(245, 191, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.895, 66.669 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(245, 191, 144) }
```

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

```
.border{ border-color:rgb(245, 191, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 144);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.895, 66.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 144) }
```

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

```
.background{ background-color: rgb(245,  
191, 144) }
```

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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