

Converting Colors

CIELCh(81, 29.236, 61.922)

Have a look what the booklet for
CIELCh(81, 29.236, 61.922) contains.

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Color

CIELCh(81, 29.236, 61.922)

Conversions

Conversions Part 1

Format	Color
Hex	F3BF9A
RGB	243, 191, 154
RGB Percent	95%, 75%, 60%
CMY	0.0482, 0.2520, 0.3971
CMYK	0.00, 0.21, 0.37, 0.05
HSL	25°, 78%, 78%
HSV	25°, 37%, 95%
XYZ	61.2448, 58.4711, 38.5163
YIQ	202.3300, 42.8690, -0.4830

Conversions

Conversions Part 2

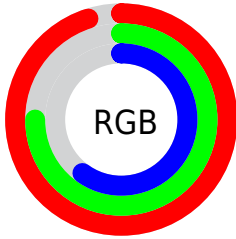
Format	Color
R _Y B	243, 217, 154
Decimal	15974298
CIE Lab	81.00, 13.76, 25.80
CIE LCh	81, 29.236, 61.922
Yxy	58.4711, 0.3871, 0.3695
Android (android.graphics.Color)	4294164378 (0xFFFF3BF9A)
YUV	202.3300, -23.8267, 35.6676
Hunter-Lab	76.4664, 9.1513, 23.6620

Details

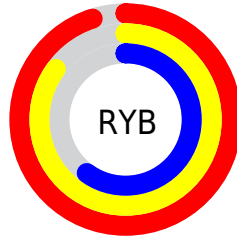
The CIELCh color **81, 29.236, 61.922** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 24.871, 251.465**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.538, 99.873**, and **61, 29.003, 62.392** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.394, 60.939**, and if you desaturate by 10%, it is **85, 20.600, 62.947**.

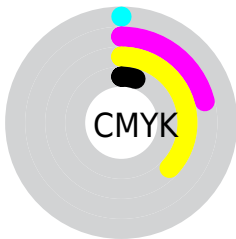
Distribution



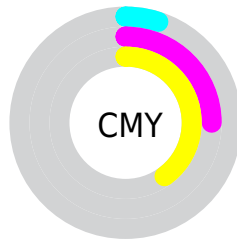
- Red (95%)
- Green (75%)
- Blue (60%)



- Red (95%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.236, 61.922 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, 29.236, 61.922 by changing the saturation by 10% instead.

 81, 29.236, 61.922

 81, 29.236, 61.922

 100, 29.236,
61.922

 71, 29.236, 61.922

 61, 29.236, 61.922

 51, 29.236, 61.922

 41, 29.236, 61.922

 31, 29.236, 61.922

 21, 29.236, 61.922

 11, 29.236, 61.922

 1, 29.236, 61.922

 0, 29.236, 61.922

81, 29.236, 61.922

81, 29.236, 61.922

77, 38.394, 60.939

85, 20.600, 62.947

74, 48.033, 59.977

89, 12.478, 63.983

70, 58.000, 59.008

93, 4.836, 64.985

67, 67.921, 57.930

97, 2.371, 246.366

64, 77.008, 56.508

99, 4.240, 199.293

61, 83.961, 54.315

60, 85.946, 53.525

Harmonies

Complementary

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



81, 29.236, 61.922



80, 24.871, 251.465

Rectangle

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



81, 29.236, 61.922



81, 29.236, 111.922



81, 29.236, 241.922



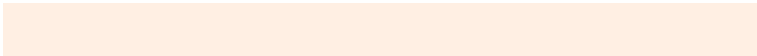
81, 29.236, 291.922

Sweetspot

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



81, 29.236, 61.928



95, 8.431, 64.560



74, 42.755, 341.781



50, 5.688, 64.422



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, 29.236, 61.928



82, 37.392, 61.188



92, 40.866, 101.868



49, 4.194, 64.714



47, 70.067, 54.185



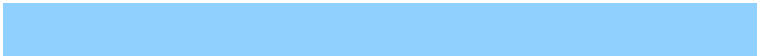
13, 24.923, 52.986

Inverse Universe

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



80, 24.871, 251.465



81, 30.619, 253.193



69, 43.980, 290.963



49, 4.048, 246.974



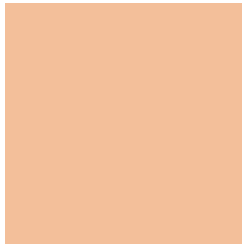
45, 48.049, 274.504



12, 19.148, 266.605

Previews

White Background



This preview shows how the CIELCh color 81, 29.236, 61.922 looks on a white background.

Color Contrast Check

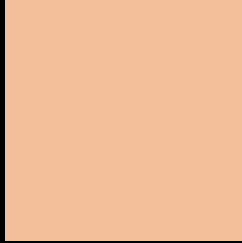
Large Text (above 18pt) WCAG AA × Fail

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, 29.236, 61.922 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, 29.236, 61.922

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.236, 61.922.



This preview shows how white text looks on a background with the CIELCh color 81, 29.236, 61.922.

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, 29.236, 61.922

Protanopia

81, 23.264, 95.273

Deuteranopia

81, 28.022, 68.502



Tritanopia
81, 24.458, 4.012

Trichromacy



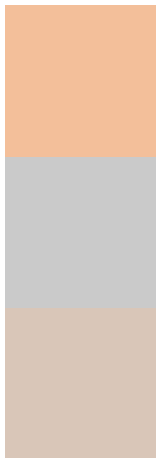
Original Color
81, 29.236, 61.922

Protanomaly
81, 24.346, 81.697

Deuteranomaly
81, 28.490, 66.039

Tritanomaly
81, 22.700, 26.483

Monochromacy



Original Color
81, 29.236, 61.922

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.381, 65.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.236, 61.922 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(243, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(243, 191, 154)  
}
```

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(243, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 191, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.236, 61.922 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(243, 191, 154) }
```

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

```
.border{ border-color:rgb(243, 191, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(243, 191,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.236, 61.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 191, 154) }
```

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

```
.background{ background-color: rgb(243,  
191, 154) }
```

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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