

Converting Colors

CIELCh(82, 30.764, 68.418)

Have a look what the booklet for
CIELCh(82, 30.764, 68.418) contains.

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Color

CIELCh(82, 30.764, 68.418)

Conversions

Conversions Part 1

Format	Color
Hex	F3C397
RGB	243, 195, 151
RGB Percent	95%, 76%, 59%
CMY	0.0472, 0.2354, 0.4080
CMYK	0.00, 0.20, 0.38, 0.05
HSL	29°, 79%, 77%
HSV	29°, 38%, 95%
XYZ	62.0421, 60.2982, 37.6344
YIQ	204.3360, 42.7320, -3.5080

Conversions

Conversions Part 2

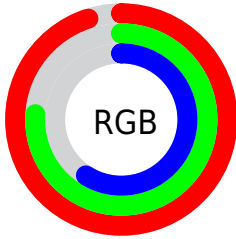
Format	Color
R _Y B	243, 235, 151
Decimal	15975319
CIE Lab	82.00, 11.32, 28.61
CIE LCh	82, 30.764, 68.418
Yxy	60.2982, 0.3878, 0.3769
Android (android.graphics.Color)	4294165399 (0xFFFF3C397)
YUV	204.3360, -26.2946, 33.9083
Hunter-Lab	77.6519, 6.7265, 25.6212

Details

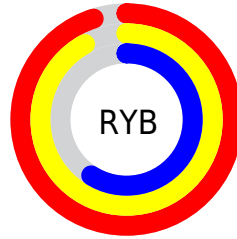
The CIELCh color **82, 30.764, 68.418** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 27.186, 259.416**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 23.301, 105.631**, and **62, 30.511, 67.941** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.885, 67.202**, and if you desaturate by 10%, it is **86, 22.059, 69.643**.

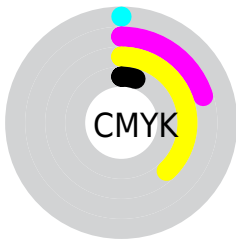
Distribution



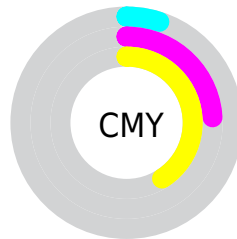
- Red (95%)
- Green (76%)
- Blue (59%)



- Red (95%)
- Yellow (92%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.764, 68.418 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 82, 30.764, 68.418 by changing the saturation by 10% instead.

 82, 30.764, 68.418

 82, 30.764, 68.418

 100, 30.764,
68.418

 72, 30.764, 68.418

 62, 30.764, 68.418

 52, 30.764, 68.418

 42, 30.764, 68.418

 32, 30.764, 68.418

 22, 30.764, 68.418

 12, 30.764, 68.418

 2, 30.764, 68.418

 0, 30.764, 68.418

82, 30.764, 68.418

82, 30.764, 68.418

79, 39.885, 67.202

86, 22.059, 69.643

75, 49.346, 65.965

89, 13.781, 70.852

72, 58.947, 64.670

93, 5.913, 72.021

69, 68.241, 63.206

97, 1.580, 253.571

66, 76.369, 61.337

99, 4.153, 199.302

64, 82.187, 58.712

63, 83.291, 58.138

Harmonies

Complementary

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



82, 30.764, 68.418



78, 27.186, 259.416

Rectangle

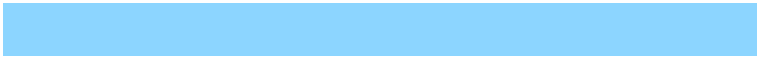
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 30.764, 68.418



82, 30.764, 118.418



82, 30.764, 248.418



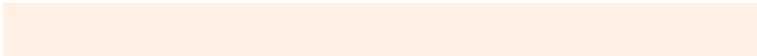
82, 30.764, 298.418

Sweetspot

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



82, 30.764, 68.424



96, 8.673, 71.661



73, 42.395, 345.488



51, 5.848, 71.502



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 30.764, 68.424



83, 38.733, 67.538



93, 44.880, 105.023



49, 4.318, 71.838



49, 67.930, 58.820



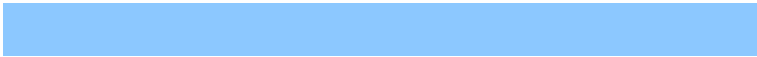
14, 24.654, 59.219

Inverse Universe

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



78, 27.186, 259.416



79, 33.330, 261.208



67, 49.171, 293.971



49, 4.209, 254.316



41, 54.599, 281.883



11, 21.332, 274.410

Previews

White Background



This preview shows how the CIELCh color 82, 30.764, 68.418 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 82, 30.764, 68.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

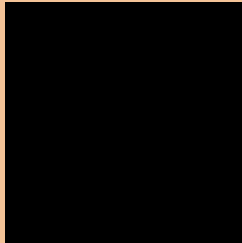
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.764, 68.418

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.764, 68.418.



This preview shows how white text looks on a background with the CIELCh color 82, 30.764, 68.418.

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





Tritanopia
82, 23.786, 2.111

Trichromacy



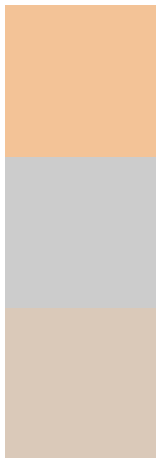
Original Color
82, 30.764, 68.418

Protanomaly
82, 26.967, 85.048

Deuteranomaly
82, 30.610, 70.132

Tritanomaly
82, 21.765, 30.706

Monochromacy



Original Color
82, 30.764, 68.418

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.656, 71.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.764, 68.418 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, 195, 151)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 151)  
}
```

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, 195, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.764, 68.418 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, 195, 151) }
```

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

```
.border{ border-color:rgb(243, 195, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 151);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.764, 68.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 151) }
```

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

```
.background{ background-color: rgb(243,  
195, 151) }
```

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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