

Converting Colors

CIELCh(82, 37.216, 68.176)

Have a look what the booklet for
CIELCh(82, 37.216, 68.176) contains.

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Color

CIELCh(82, 37.207, 68.024)

Conversions

Conversions Part 1

Format	Color
Hex	FAC18C
RGB	250, 193, 140
RGB Percent	98%, 76%, 55%
CMY	0.0200, 0.2435, 0.4513
CMYK	0.00, 0.23, 0.44, 0.02
HSL	29°, 92%, 76%
HSV	29°, 44%, 98%
XYZ	63.1678, 60.2982, 33.0878
YIQ	204.0010, 50.9850, -4.3990

Conversions

Conversions Part 2

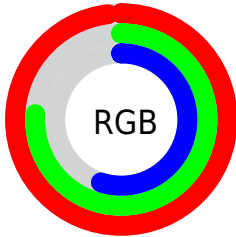
Format	Color
R _Y B	250, 242, 140
Decimal	16433548
CIE Lab	82.00, 13.92, 34.50
CIE LCh	82, 37.207, 68.024
Yxy	60.2982, 0.4035, 0.3852
Android (android.graphics.Color)	4294623628 (0xFFFA C18C)
YUV	204.0010, -31.5525, 40.3411
Hunter-Lab	77.6519, 9.3142, 29.0926

Details

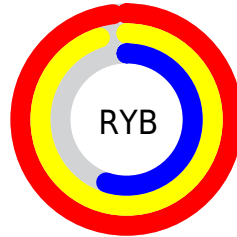
The CIELCh color **82, 37.207, 68.024** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 32.236, 261.352**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 27.938, 103.329**, and **62, 37.107, 67.794** is the 20% darker color. If you saturate the color by 10%, you get **79, 46.762, 66.787**, and if you desaturate by 10%, it is **86, 28.033, 69.262**.

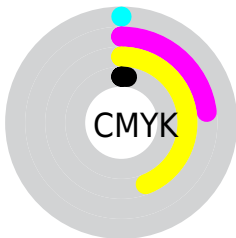
Distribution



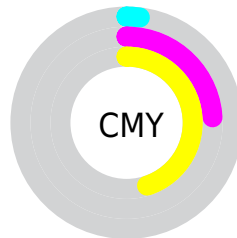
- Red (98%)
- Green (76%)
- Blue (55%)



- Red (98%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (2%)



- Cyan (2%)
- Magenta (24%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 37.207, 68.024 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, 37.207, 68.024 by changing the saturation by 10% instead.

 82, 37.207, 68.024

 82, 37.207, 68.024

 100, 37.207,
68.024

 72, 37.207, 68.024

 62, 37.207, 68.024

 52, 37.207, 68.024

 42, 37.207, 68.024

 32, 37.207, 68.024

 22, 37.207, 68.024

 12, 37.207, 68.024

 2, 37.207, 68.024

 0, 37.207, 68.024

82, 37.207, 68.024

82, 37.207, 68.024

79, 46.762, 66.787

86, 28.033, 69.262

75, 56.550, 65.506

89, 19.289, 70.489

72, 66.223, 64.108

93, 10.973, 71.699

69, 75.077, 62.409

97, 3.060, 72.805

66, 81.946, 60.071

100, 1.769,
199.668

65, 84.973, 58.359

Harmonies

Complementary

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



82, 37.207, 68.024



77, 32.236, 261.352

Rectangle

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



82, 37.207, 68.024



82, 37.207, 118.024



82, 37.207, 248.024



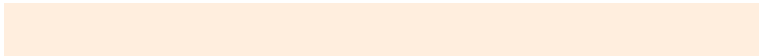
82, 37.207, 298.024

Sweetspot

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



82, 37.207, 68.029



95, 10.323, 71.817



72, 50.188, 346.258



50, 7.264, 71.554



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, 37.207, 68.029



80, 46.543, 66.907



95, 53.011, 104.418



50, 4.401, 72.228



50, 68.526, 59.064



15, 25.850, 59.821

Inverse Universe

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



77, 32.236, 261.352



75, 39.054, 263.891



64, 59.251, 295.148



50, 4.292, 254.720



42, 55.607, 282.306



12, 22.221, 275.252

Previews

White Background



This preview shows how the CIELCh color 82, 37.207, 68.024 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 82, 37.207, 68.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

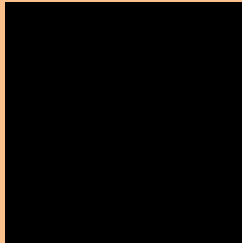
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 37.207, 68.024

Background



This preview shows how black text looks on a background with the CIELCh color 82, 37.207, 68.024.



This preview shows how white text looks on a background with the CIELCh color 82, 37.207, 68.024.

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

82, 37.207, 68.024

Protanopia

82, 31.607, 95.530

Deuteranopia

82, 36.273, 73.322



Tritanopia
82, 27.408, 6.271

Trichromacy



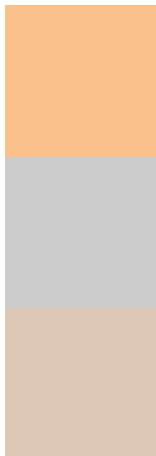
Original Color
82, 37.207, 68.024

Protanomaly
82, 32.702, 84.554

Deuteranomaly
82, 36.648, 71.345

Tritanomaly
82, 26.265, 32.814

Monochromacy



Original Color
82, 37.207, 68.024

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 12.913, 70.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 37.207, 68.024 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(250, 193, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 193, 140)  
}
```

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(250, 193, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 193, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 37.207, 68.024 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(250, 193, 140) }
```

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

```
.border{ border-color:rgb(250, 193, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 193, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 193, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 193, 140);  
box-shadow:4px 4px 4px 4px rgb(250, 193,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 37.207, 68.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 193, 140) }
```

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

```
.background{ background-color: rgb(250,  
193, 140) }
```

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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