

Converting Colors

CIELCh(99, 93.927, 36.585)

Have a look what the booklet for
CIELCh(99, 93.927, 36.585) contains.

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Color

CIELCh(80, 35.682, 52.067)

Conversions

Conversions Part 1

Format	Color
Hex	FEB693
RGB	254, 182, 147
RGB Percent	100%, 71%, 58%
CMY	0.0039, 0.2859, 0.4230
CMYK	0.00, 0.28, 0.42, 0.00
HSL	20°, 98%, 79%
HSV	20°, 42%, 100%
XYZ	62.9036, 56.6813, 35.2843
YIQ	199.5380, 54.1470, 4.3790

Conversions

Conversions Part 2

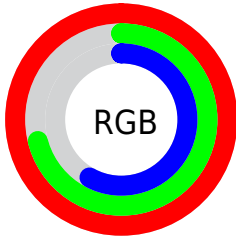
Format	Color
RYB	254, 199, 147
Decimal	16692883
CIELab	80.00, 21.94, 28.14
CIELCh	80, 35.682, 52.067
Yxy	56.6813, 0.4062, 0.3660
Android (android.graphics.Color)	4294882963 (0xFFFE693)
YUV	199.5380, -25.9012, 47.7632
Hunter-Lab	75.2870, 17.3877, 24.9138

Details

The CIELCh color **80, 35.682, 52.067** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 27.658, 240.486**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 20.004, 89.880**, and **60, 35.722, 52.307** is the 20% darker color. If you saturate the color by 10%, you get **76, 45.840, 51.614**, and if you desaturate by 10%, it is **84, 26.185, 52.628**.

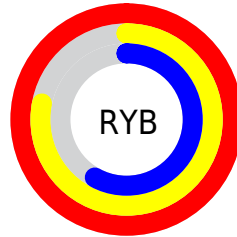
Distribution



Red (100%)

Green (71%)

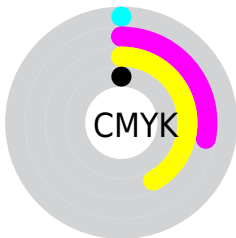
Blue (58%)



Red (100%)

Yellow (78%)

Blue (58%)

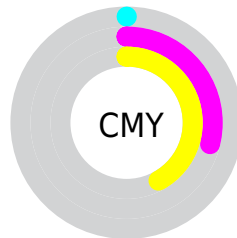


Cyan (0%)

Magenta (28%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 35.682, 52.067 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 80, 35.682, 52.067 by changing the saturation by 10% instead.

 80, 35.682, 52.067

 80, 35.682, 52.067

 100, 35.682,
52.067

 70, 35.682, 52.067

 60, 35.682, 52.067

 50, 35.682, 52.067

 40, 35.682, 52.067

 30, 35.682, 52.067

 20, 35.682, 52.067

 10, 35.682, 52.067

 0, 35.682, 52.067

 80, 35.682, 52.067

 80, 35.682, 52.067

76, 45.840, 51.614

84, 26.185, 52.628

72, 56.583, 51.248

89, 17.352, 53.264

68, 67.671, 50.918

94, 9.146, 53.949

64, 78.526, 50.455

99, 1.512, 54.388

61, 87.933, 49.462

100, 0.343,
201.319

59, 93.562, 48.117

Harmonies

Complementary

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



80, 35.682, 52.067



84, 27.658, 240.486

Rectangle

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



80, 35.682, 52.067



80, 35.682, 102.067



80, 35.682, 232.067



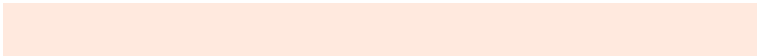
80, 35.682, 282.067

Sweetspot

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



80, 35.681, 52.072



94, 9.911, 53.885



74, 53.482, 338.268



49, 6.992, 53.733



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 35.681, 52.072



77, 43.818, 51.701



93, 44.986, 96.433



51, 4.279, 54.123



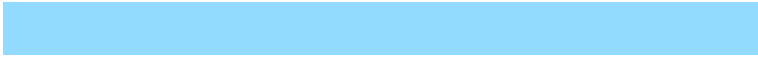
45, 75.105, 48.715



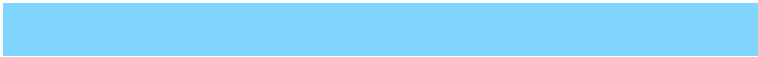
13, 28.211, 45.943

Inverse Universe

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



84, 27.658, 240.486



82, 32.066, 242.254



70, 47.865, 287.989



51, 4.077, 235.853



51, 41.338, 261.153



16, 17.829, 253.951

Previews

White Background



This preview shows how the CIELCh color 80, 35.682, 52.067 looks on a white background.

Color Contrast Check

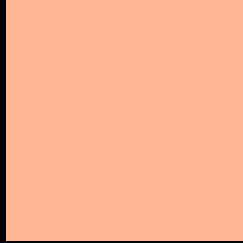
Large Text (above 18pt) WCAG AA × Fail

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 80, 35.682, 52.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

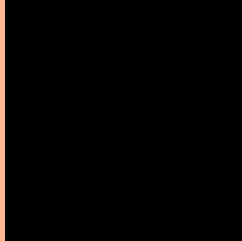
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 35.682, 52.067

Background



This preview shows how black text looks on a background with the CIELCh color 80, 35.682, 52.067.



This preview shows how white text looks on a background with the CIELCh color 80, 35.682, 52.067.

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

80, 35.730, 52.059

Protanopia

80, 23.936, 94.502

Deuteranopia

80, 30.118, 70.093



Tritanopia
80, 30.110, 10.020

Trichromacy



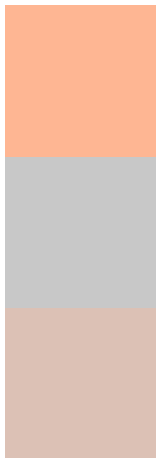
Original Color
80, 35.730, 52.059

Protanomaly
80, 25.728, 74.679

Deuteranomaly
80, 31.906, 62.825

Tritanomaly
80, 30.290, 26.835

Monochromacy



Original Color
80, 35.730, 52.059

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 12.225, 51.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 35.682, 52.067 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(254, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 147)  
}
```

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(254, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 35.682, 52.067 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(254, 182, 147) }
```

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

```
.border{ border-color:rgb(254, 182, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 182, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 35.682, 52.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 182, 147) }
```

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

```
.background{ background-color: rgb(254,  
182, 147) }
```

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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