

Converting Colors

CIELCh(80, 37.346, 52.029)

Have a look what the booklet for
CIELCh(80, 37.346, 52.029) contains.

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Color

CIELCh(80, 36.845, 52.025)

Conversions

Conversions Part 1

Format	Color
Hex	FFB691
RGB	255, 182, 145
RGB Percent	100%, 71%, 57%
CMY	0.0000, 0.2882, 0.4294
CMYK	0.00, 0.29, 0.43, 0.00
HSL	20°, 100%, 79%
HSV	20°, 43%, 100%
XYZ	63.2230, 56.6813, 34.5948
YIQ	199.6090, 55.3850, 3.9690

Conversions

Conversions Part 2

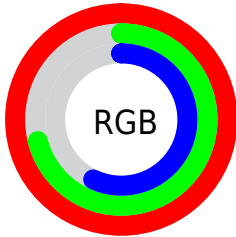
Format	Color
R _Y B	255, 201, 145
Decimal	16758417
CIE Lab	80.00, 22.67, 29.04
CIE LCh	80, 36.845, 52.025
Yxy	56.6813, 0.4092, 0.3669
Android (android.graphics.Color)	4294948497 (0xFFFFB691)
YUV	199.6090, -26.9222, 48.5779
Hunter-Lab	75.2870, 18.1450, 25.4568

Details

The CIELCh color **80, 36.845, 52.025** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 28.257, 240.921**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 20.978, 90.651**, and **60, 36.849, 53.211** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.877, 51.748**, and if you desaturate by 10%, it is **84, 27.060, 52.768**.

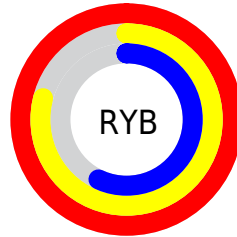
Distribution



Red (100%)

Green (71%)

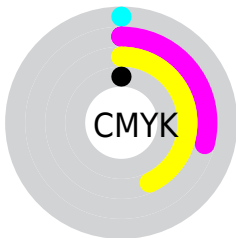
Blue (57%)



Red (100%)

Yellow (79%)

Blue (57%)

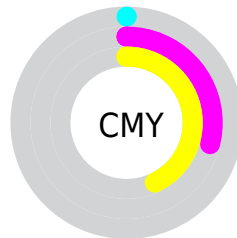


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 36.845, 52.025 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, 36.845, 52.025 by changing the saturation by 10% instead.

 80, 36.845, 52.025

 80, 36.845, 52.025

 100, 36.845,
52.025

 70, 36.845, 52.025

 60, 36.845, 52.025

 50, 36.845, 52.025

 40, 36.845, 52.025

 30, 36.845, 52.025

 20, 36.845, 52.025

 10, 36.845, 52.025

 0, 36.845, 52.025

 80, 36.845, 52.025

 80, 36.845, 52.025

76, 46.877, 51.748

84, 27.060, 52.768

72, 57.686, 51.375

89, 18.147, 53.407

68, 68.805, 51.027

94, 9.865, 54.099

64, 79.611, 50.520

99, 2.161, 54.653

61, 88.817, 49.432

100, 0.012,
296.813

60, 93.753, 48.201

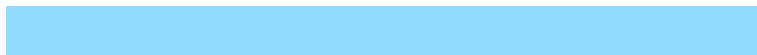
Harmonies

Complementary

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



80, 36.845, 52.025



84, 28.257, 240.921

Rectangle

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



80, 36.845, 52.025



80, 36.845, 102.025



80, 36.845, 232.025



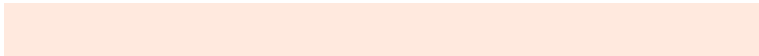
80, 36.845, 282.025

Sweetspot

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



80, 36.639, 52.210



94, 9.910, 54.095



74, 54.696, 338.349



49, 6.991, 53.940



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, 36.639, 52.210



76, 45.883, 51.788



93, 46.042, 96.326



51, 4.279, 54.335



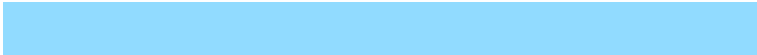
45, 75.032, 48.808



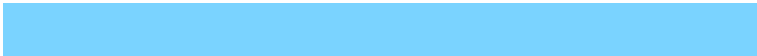
13, 28.190, 46.084

Inverse Universe

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



84, 28.257, 240.921



81, 33.133, 243.014



70, 49.082, 288.178



51, 4.078, 236.078



51, 41.467, 261.458



16, 17.870, 254.249

Previews

White Background



This preview shows how the CIELCh color 80, 36.845, 52.025 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, 36.845, 52.025 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, 36.845, 52.025

Background



This preview shows how black text looks on a background with the CIELCh color 80, 36.845, 52.025.



This preview shows how white text looks on a background with the CIELCh color 80, 36.845, 52.025.

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](#).

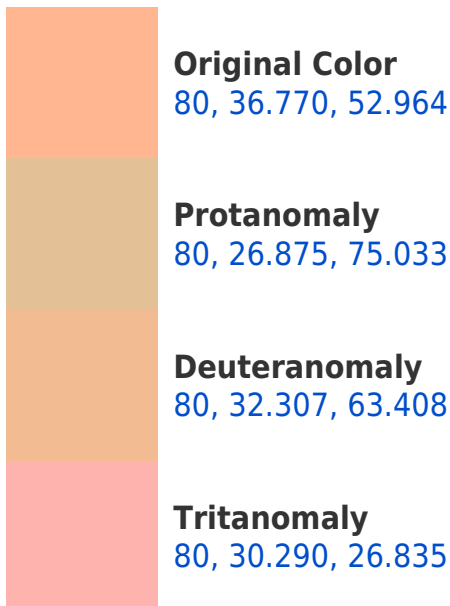
Dichromacy



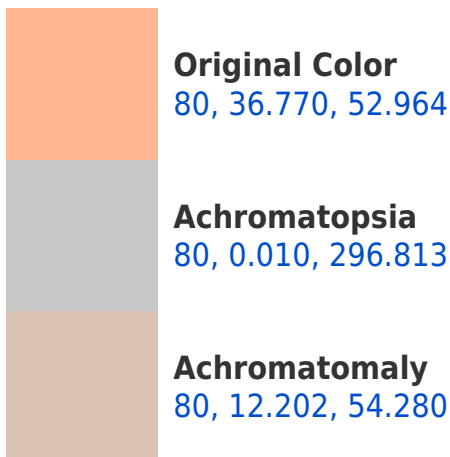


Tritanopia
80, 30.573, 9.252

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 36.845, 52.025 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(255, 182, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 145)  
}
```

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(255, 182, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 36.845, 52.025 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(255, 182, 145) }
```

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

```
.border{ border-color:rgb(255, 182, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 36.845, 52.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 145) }
```

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

```
.background{ background-color: rgb(255,  
182, 145) }
```

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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