

Converting Colors

CIELCh(80, 30.633, 37.807)

Have a look what the booklet for
CIELCh(80, 30.633, 37.807) contains.

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Color

CIELCh(80, 30.443, 37.562)

Conversions

Conversions Part 1

Format	Color
Hex	FDB5A5
RGB	253, 181, 165
RGB Percent	99%, 71%, 65%
CMY	0.0076, 0.2900, 0.3527
CMYK	0.00, 0.28, 0.35, 0.01
HSL	11°, 96%, 82%
HSV	11°, 35%, 99%
XYZ	63.8598, 56.6813, 43.1971
YIQ	200.7040, 48.0480, 10.2880

Conversions

Conversions Part 2

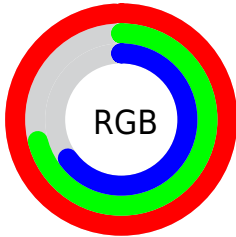
Format	Color
R _Y B	253, 185, 165
Decimal	16627109
CIE Lab	80.00, 24.13, 18.56
CIE LCh	80, 30.443, 37.562
Yxy	56.6813, 0.3900, 0.3462
Android (android.graphics.Color)	4294817189 (0xFFFD B5A5)
YUV	200.7040, -17.6021, 45.8636
Hunter-Lab	75.2870, 19.6549, 18.6823

Details

The CIELCh color **80, 30.443, 37.562** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 23.665, 218.834**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 10.942, 72.148**, and **60, 30.605, 37.933** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.856, 38.013**, and if you desaturate by 10%, it is **85, 20.789, 37.324**.

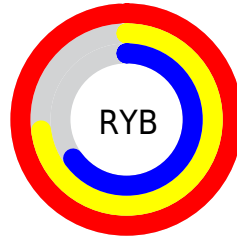
Distribution



Red (99%)

Green (71%)

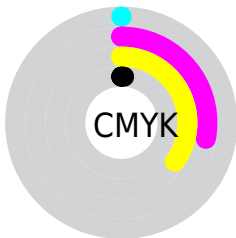
Blue (65%)



Red (99%)

Yellow (73%)

Blue (65%)

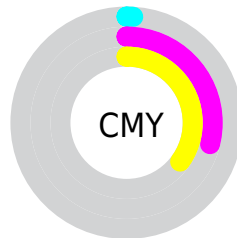


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (1%)



Cyan (1%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.443, 37.562 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, 30.443, 37.562 by changing the saturation by 10% instead.

80, 30.443, 37.562

80, 30.443, 37.562

100, 30.443,
37.562

70, 30.443, 37.562

60, 30.443, 37.562

50, 30.443, 37.562

40, 30.443, 37.562

30, 30.443, 37.562

20, 30.443, 37.562

10, 30.443, 37.562

0, 30.443, 37.562

80, 30.443, 37.562

80, 30.443, 37.562

75, 40.856, 38.013

85, 20.789, 37.324

70, 51.989, 38.704

91, 11.886, 37.230

66, 63.696, 39.661

97, 3.685, 37.162

62, 75.644, 40.836

100, 0.675,
200.344

58, 87.083, 42.000

56, 96.380, 42.543

55, 99.989, 42.546

Harmonies

Complementary

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



80, 30.443, 37.562



90, 23.665, 218.834

Rectangle

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



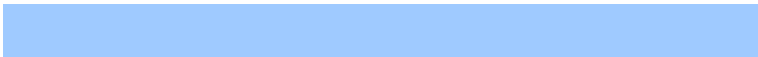
80, 30.443, 37.562



80, 30.443, 87.562



80, 30.443, 217.562



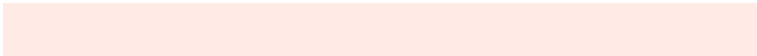
80, 30.443, 267.562

Sweetspot

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



80, 30.441, 37.568



94, 7.934, 37.214



78, 49.130, 331.583



49, 5.445, 37.219



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, 30.441, 37.568



77, 38.127, 37.868



90, 32.529, 86.569



50, 4.501, 37.213



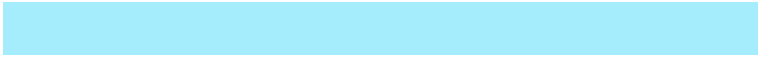
42, 80.580, 42.915



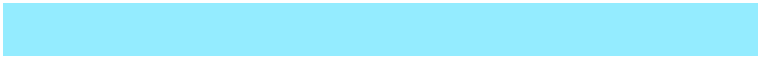
12, 30.247, 36.165

Inverse Universe

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



90, 23.665, 218.834



89, 27.841, 219.444



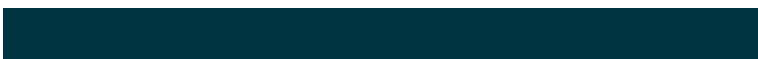
78, 32.298, 276.792



52, 4.237, 217.680



60, 35.154, 231.700



19, 16.134, 226.913

Previews

White Background



This preview shows how the CIELCh color 80, 30.443, 37.562 looks on a white background.

Color Contrast Check

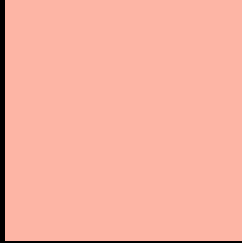
Large Text (above 18pt) WCAG AA × Fail

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 80, 30.443, 37.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

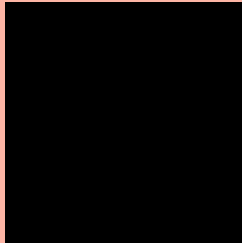
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 30.443, 37.562

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.443, 37.562.

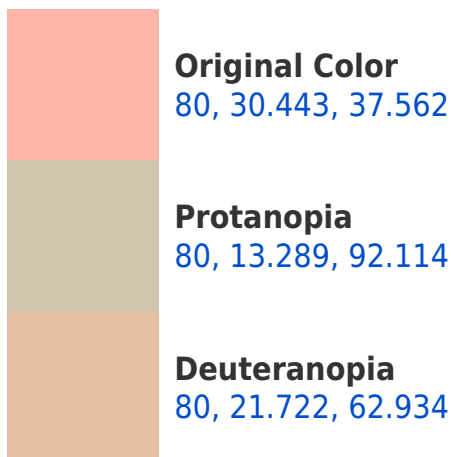


This preview shows how white text looks on a background with the CIELCh color 80, 30.443, 37.562.

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, 30.162, 9.029

Trichromacy



Original Color
80, 30.443, 37.562

Protanomaly
80, 16.903, 61.051

Deuteranomaly
80, 24.055, 50.893

Tritanomaly
80, 29.256, 18.835

Monochromacy



Original Color
80, 30.443, 37.562

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.393, 37.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.443, 37.562 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(253, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 165)  
}
```

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(253, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.443, 37.562 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(253, 181, 165) }
```

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

```
.border{ border-color:rgb(253, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.443, 37.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 165) }
```

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

```
.background{ background-color: rgb(253,  
181, 165) }
```

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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