

Converting Colors

CIELCh(91, 69.368, 38.778)

Have a look what the booklet for
CIELCh(91, 69.368, 38.778) contains.

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Color

CIELCh(81, 35.272, 52.408)

Conversions

Conversions Part 1

Format	Color
Hex	FFB996
RGB	255, 185, 150
RGB Percent	100%, 73%, 59%
CMY	0.0000, 0.2739, 0.4113
CMYK	0.00, 0.27, 0.41, 0.00
HSL	20°, 100%, 79%
HSV	20°, 41%, 100%
XYZ	64.6045, 58.4711, 36.7837
YIQ	201.9400, 52.9550, 3.9550

Conversions

Conversions Part 2

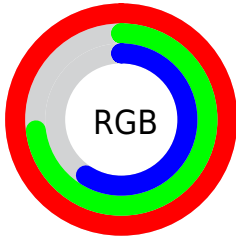
Format	Color
R _Y B	255, 203, 150
Decimal	16759190
CIE Lab	81.00, 21.52, 27.95
CIE LCh	81, 35.272, 52.408
Yxy	58.4711, 0.4041, 0.3658
Android (android.graphics.Color)	4294949270 (0xFFFFB996)
YUV	201.9400, -25.6064, 46.5336
Hunter-Lab	76.4664, 16.9938, 25.0054

Details

The CIELCh color **81, 35.272, 52.408** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 27.285, 241.294**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 19.612, 93.069**, and **61, 34.751, 53.053** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.911, 52.334**, and if you desaturate by 10%, it is **85, 25.375, 53.451**.

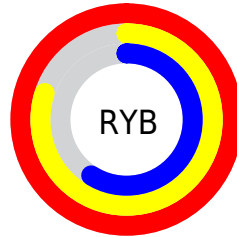
Distribution



Red (100%)

Green (73%)

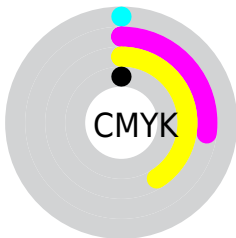
Blue (59%)



Red (100%)

Yellow (80%)

Blue (59%)

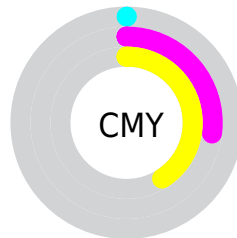


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 35.272, 52.408 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 81, 35.272, 52.408 by changing the saturation by 10% instead.

81, 35.272, 52.408

81, 35.272, 52.408

100, 35.272,
52.408

71, 35.272, 52.408

61, 35.272, 52.408

51, 35.272, 52.408

41, 35.272, 52.408

31, 35.272, 52.408

21, 35.272, 52.408

11, 35.272, 52.408

1, 35.272, 52.408

0, 35.272, 52.408

81, 35.272, 52.408

81, 35.272, 52.408

77, 44.911, 52.334

85, 25.375, 53.451

72, 55.597, 51.908

90, 16.592, 54.129

69, 66.653, 51.519

95, 8.425, 54.847

65, 77.540, 51.013

99, 0.821, 55.000

62, 87.114, 50.020

100, 0.012,
296.813

60, 93.483, 48.473

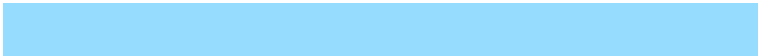
Harmonies

Complementary

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



81, 35.272, 52.408



84, 27.285, 241.294

Rectangle

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



81, 35.272, 52.408



81, 35.272, 102.408



81, 35.272, 232.408



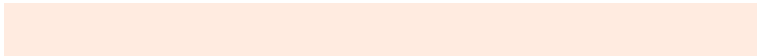
81, 35.272, 282.408

Sweetspot

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



81, 34.813, 52.847



94, 9.112, 54.785



75, 51.934, 338.959



50, 6.073, 54.691



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 34.813, 52.847



77, 42.706, 52.435



94, 44.793, 97.577



51, 4.278, 54.961



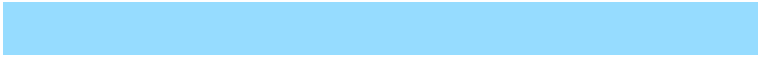
45, 74.818, 49.087



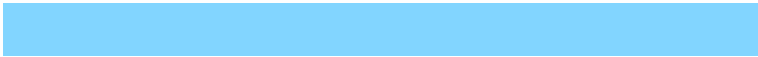
13, 28.128, 46.505

Inverse Universe

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



84, 27.285, 241.294



82, 31.658, 243.041



71, 47.838, 288.662



51, 4.080, 236.742



51, 41.856, 262.348



16, 17.995, 255.120

Previews

White Background



This preview shows how the CIELCh color 81, 35.272, 52.408 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 81, 35.272, 52.408 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 81, 35.272, 52.408

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.272, 52.408.




This preview shows how white text looks on a background with the CIELCh color 81, 35.272, 52.408.

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
81, 28.939, 8.336

Trichromacy



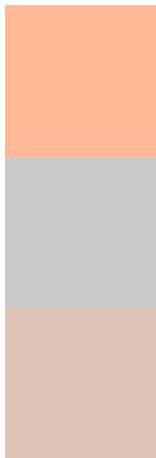
Original Color
81, 34.864, 52.758

Protanomaly
81, 25.866, 76.036

Deuteranomaly
81, 31.477, 63.378

Tritanomaly
81, 28.535, 26.944

Monochromacy



Original Color
81, 34.864, 52.758

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.838, 55.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.272, 52.408 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, 185, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 150)  
}
```

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, 185, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.272, 52.408 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, 185, 150) }
```

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

```
.border{ border-color:rgb(255, 185, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.272, 52.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 150) }
```

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

```
.background{ background-color: rgb(255,  
185, 150) }
```

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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