

Converting Colors

CIELCh(83, 28.529, 43.976)

Have a look what the booklet for
CIELCh(83, 28.529, 43.976) contains.

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Color

CIELCh(83, 27.737, 44.330)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0AB
RGB	255, 192, 171
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2455, 0.3279
CMYK	0.00, 0.25, 0.33, 0.00
HSL	15°, 100%, 84%
HSV	15°, 33%, 100%
XYZ	67.7147, 62.1629, 47.1465
YIQ	208.4430, 44.2890, 6.8250

Conversions

Conversions Part 2

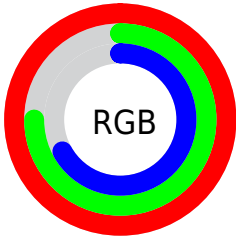
Format	Color
R _Y B	255, 199, 171
Decimal	16761003
CIE Lab	83.00, 19.84, 19.38
CIE LCh	83, 27.737, 44.330
Yxy	62.1629, 0.3825, 0.3512
Android (android.graphics.Color)	4294951083 (0xFFFFC0AB)
YUV	208.4430, -18.4594, 40.8305
Hunter-Lab	78.8435, 15.3286, 19.7364

Details

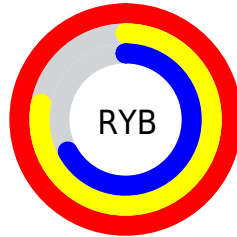
The CIELCh color **83, 27.737, 44.330** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 22.123, 228.159**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.879, 98.658**, and **63, 27.806, 43.640** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.501, 44.400**, and if you desaturate by 10%, it is **88, 18.394, 44.672**.

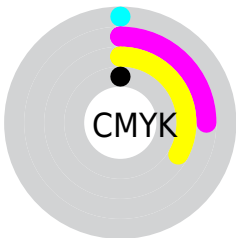
Distribution



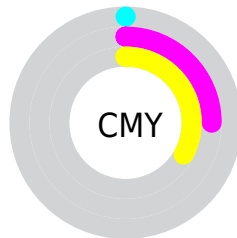
- Red (100%)
- Green (75%)
- Blue (67%)



- Red (100%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 27.737, 44.330 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 83, 27.737, 44.330 by changing the saturation by 10% instead.

 83, 27.737, 44.330

 83, 27.737, 44.330

 100, 27.737,
44.330

 73, 27.737, 44.330

 63, 27.737, 44.330

 53, 27.737, 44.330

 43, 27.737, 44.330

 33, 27.737, 44.330

 23, 27.737, 44.330

 13, 27.737, 44.330

 3, 27.737, 44.330

 0, 27.737, 44.330

83, 27.737, 44.330

83, 27.737, 44.330

78, 37.501, 44.400

88, 18.394, 44.672

73, 48.152, 44.499

93, 9.912, 44.972

69, 59.440, 44.773

99, 2.077, 45.145

65, 71.104, 45.175

100, 0.012,
296.813

62, 82.524, 45.524

59, 92.342, 45.353

57, 97.635, 44.735

Harmonies

Complementary

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



83, 27.737, 44.330



89, 22.123, 228.159

Rectangle

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



83, 27.737, 44.330



83, 27.737, 94.330



83, 27.737, 224.330



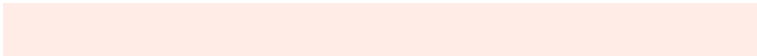
83, 27.737, 274.330

Sweetspot

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



83, 27.579, 44.468



95, 7.661, 45.061



80, 44.084, 334.613



50, 5.257, 45.017



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 27.579, 44.468



80, 33.650, 44.408



93, 33.132, 93.173



50, 4.347, 45.077



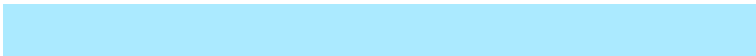
43, 78.150, 45.230



12, 29.230, 40.352

Inverse Universe

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



89, 22.123, 228.159



87, 25.695, 228.959



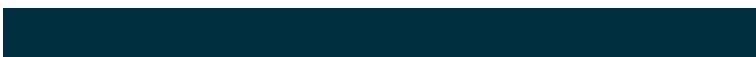
78, 33.947, 282.219



51, 4.109, 226.176



56, 36.929, 246.639



18, 16.505, 240.250

Previews

White Background



This preview shows how the CIELCh color 83, 27.737, 44.330 looks on a white background.

Color Contrast Check

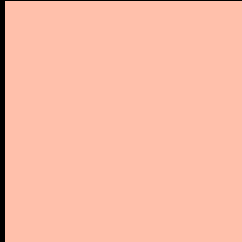
Large Text (above 18pt) WCAG AA × Fail

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 83, 27.737, 44.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

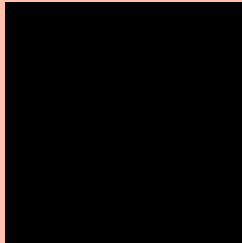
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 27.737, 44.330

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.737, 44.330.



This preview shows how white text looks on a background with the CIELCh color 83, 27.737, 44.330.

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

83, 27.737, 44.330

Protanopia

83, 15.323, 92.798

Deuteranopia

83, 22.505, 62.522



Tritanopia
83, 25.828, 5.143

Trichromacy



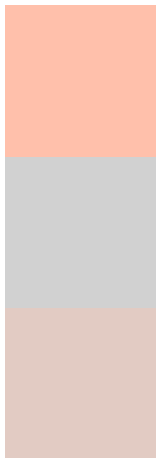
Original Color
83, 27.737, 44.330

Protanomaly
83, 17.724, 67.559

Deuteranomaly
83, 23.703, 55.424

Tritanomaly
83, 25.001, 19.044

Monochromacy



Original Color
83, 27.737, 44.330

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 9.645, 45.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.737, 44.330 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, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 171)  
}
```

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, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.737, 44.330 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, 192, 171) }
```

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

```
.border{ border-color:rgb(255, 192, 171) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.737, 44.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 171) }
```

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

```
.background{ background-color: rgb(255,  
192, 171) }
```

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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