

Converting Colors

CIELCh(100, 80.676, 24.213)

Have a look what the booklet for
CIELCh(100, 80.676, 24.213)
contains.

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Color

CIELCh(83, 25.376, 14.425)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC4
RGB	255, 190, 196
RGB Percent	100%, 75%, 77%
CMY	0.0000, 0.2555, 0.2320
CMYK	0.00, 0.26, 0.23, 0.00
HSL	354°, 100%, 87%
HSV	354°, 26%, 100%
XYZ	69.8916, 62.1629, 60.4398
YIQ	210.1190, 36.8140, 15.6460

Conversions

Conversions Part 2

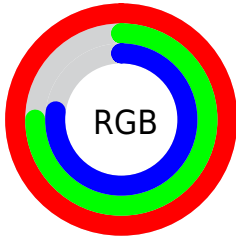
Format	Color
R_{YB}	255, 190, 196
Decimal	16760516
CIE _{Lab}	83.00, 24.58, 6.32
CIE _{LCh}	83, 25.376, 14.425
Yxy	62.1629, 0.3631, 0.3229
Android (android.graphics.Color)	4294950596 (0xFFFFBEC4)
YUV	210.1190, -6.9607, 39.3606
Hunter-Lab	78.8435, 20.2570, 9.7399

Details

The CIELCh color **83, 25.376, 14.425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.697, 189.869**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.180, 332.450**, and **63, 24.970, 14.479** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.866, 15.740**, and if you desaturate by 10%, it is **89, 14.747, 13.136**.

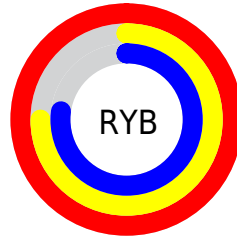
Distribution



Red (100%)

Green (75%)

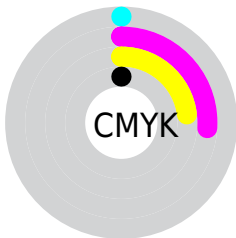
Blue (77%)



Red (100%)

Yellow (75%)

Blue (77%)

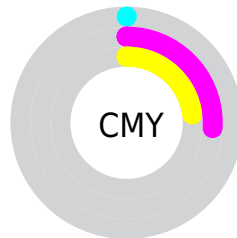


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.376, 14.425 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, 25.376, 14.425 by changing the saturation by 10% instead.

 83, 25.376, 14.425

 83, 25.376, 14.425

 100, 25.376,
14.425

 73, 25.376, 14.425

 63, 25.376, 14.425

 53, 25.376, 14.425

 43, 25.376, 14.425

 33, 25.376, 14.425

 23, 25.376, 14.425

 13, 25.376, 14.425

 3, 25.376, 14.425

 0, 25.376, 14.425

83, 25.376, 14.425

83, 25.376, 14.425

77, 35.866, 15.740

89, 14.747, 13.136

71, 47.109, 17.562

96, 5.091, 12.123

65, 58.490, 19.891

100, 0.012,
296.813

61, 69.648, 22.861

57, 80.184, 26.562

55, 89.725, 30.908

54, 97.740, 35.395

53, 100.644,
37.075

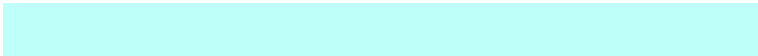
Harmonies

Complementary

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



83, 25.376, 14.425



96, 21.697, 189.869

Rectangle

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



83, 25.376, 14.425



83, 25.376, 64.425



83, 25.376, 194.425



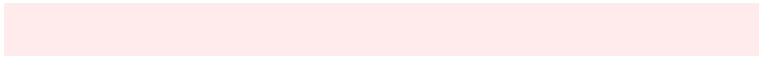
83, 25.376, 244.425

Sweetspot

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



83, 25.027, 14.299



95, 7.395, 12.374



84, 39.764, 322.959



50, 5.282, 12.523



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, 25.027, 14.299



79, 30.870, 15.043



89, 20.427, 61.278



50, 5.282, 12.523



40, 80.354, 36.351



10, 32.657, 23.448

Inverse Universe

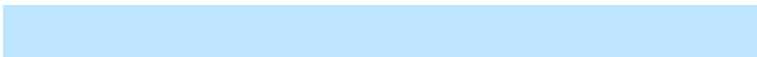
The Inverse Universe completely reimagines the original color for something new.



83, 25.027, 14.299



79, 30.870, 15.043



89, 18.214, 247.322



50, 5.282, 12.523



40, 80.354, 36.351



10, 32.657, 23.448

Previews

White Background



This preview shows how the CIELCh color 83, 25.376, 14.425 looks on a white background.

Color Contrast Check

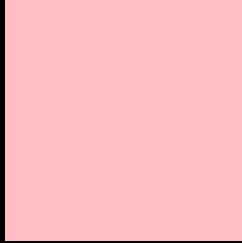
Large Text (above 18pt) WCAG AA × Fail

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 83, 25.376, 14.425 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, 25.376, 14.425

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.376, 14.425.



This preview shows how white text looks on a background with the CIELCh color 83, 25.376, 14.425.

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, 24.962, 14.266

Protanopia

83, 1.896, 35.368

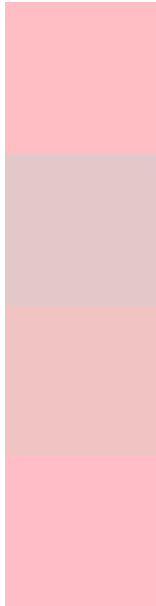
Deuteranopia

83, 12.558, 34.743



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 24.962, 14.266

Protanomaly
83, 10.114, 14.182

Deuteranomaly
83, 16.746, 22.472

Tritanomaly
83, 25.575, 8.581

Monochromacy



Original Color
83, 24.962, 14.266

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.585, 12.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.376, 14.425 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, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 196)  
}
```

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, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.376, 14.425 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, 190, 196) }
```

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

```
.border{ border-color:rgb(255, 190, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.376, 14.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 196) }
```

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

```
.background{ background-color: rgb(255,  
190, 196) }
```

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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