

Converting Colors

CIELCh(84, 27.718, 15.558)

Have a look what the booklet for
CIELCh(84, 27.718, 15.558) contains.

CIELCh(83, 24.549, 14.103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 24.549, 14.103)

Conversions

Conversions Part 1

Format	Color
Hex	FEBEC4
RGB	254, 190, 196
RGB Percent	100%, 75%, 77%
CMY	0.0024, 0.2532, 0.2297
CMYK	0.00, 0.25, 0.23, 0.00
HSL	354°, 98%, 87%
HSV	354°, 25%, 100%
XYZ	69.5359, 62.1629, 60.8154
YIQ	209.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

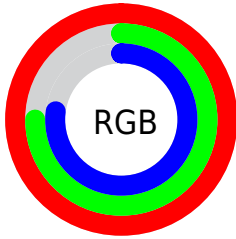
Format	Color
RYB	254, 190, 196
Decimal	16694980
CIELab	83.00, 23.81, 5.98
CIELCh	83, 24.549, 14.103
Yxy	62.1629, 0.3612, 0.3229
Android (android.graphics.Color)	4294885060 (0xFFFEBC4)
YUV	209.8200, -6.8133, 38.7459
Hunter-Lab	78.8435, 19.4516, 9.4575

Details

The CIELCh color **83, 24.549, 14.103** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.347, 189.747**, 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, 24.558, 14.301** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.339, 15.537**, and if you desaturate by 10%, it is **90, 14.312, 12.952**.

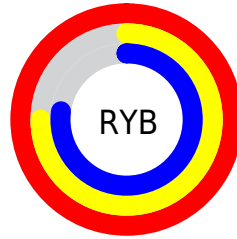
Distribution



Red (100%)

Green (75%)

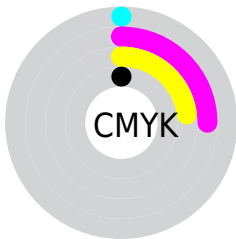
Blue (77%)



Red (100%)

Yellow (75%)

Blue (77%)

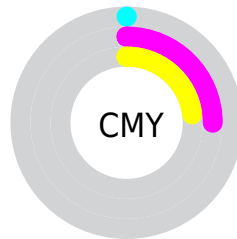


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.549, 14.103 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, 24.549, 14.103 by changing the saturation by 10% instead.

 83, 24.549, 14.103

 83, 24.549, 14.103

 100, 24.549,
14.103

 73, 24.549, 14.103

 63, 24.549, 14.103

 53, 24.549, 14.103

 43, 24.549, 14.103

 33, 24.549, 14.103

 23, 24.549, 14.103

 13, 24.549, 14.103

 3, 24.549, 14.103

 0, 24.549, 14.103

83, 24.549, 14.103

83, 24.549, 14.103

77, 35.339, 15.537

90, 14.312, 12.952

71, 46.539, 17.343

96, 4.700, 11.935

66, 57.885, 19.649

100, 0.211,
202.537

61, 69.019, 22.591

57, 79.544, 26.265

55, 89.090, 30.597

54, 97.161, 35.118

53, 100.358,
36.991

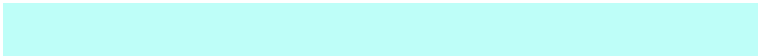
Harmonies

Complementary

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



83, 24.549, 14.103



96, 21.347, 189.747

Rectangle

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



83, 24.549, 14.103



83, 24.549, 64.103



83, 24.549, 194.103



83, 24.549, 244.103

Sweetspot

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



83, 24.547, 14.108



95, 7.398, 12.231



84, 39.046, 322.939



50, 5.284, 12.380



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, 24.547, 14.108



80, 29.786, 14.763



89, 20.032, 61.318



50, 5.284, 12.380



40, 80.271, 36.265



10, 32.644, 23.374

Inverse Universe

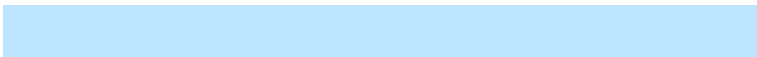
The Inverse Universe completely reimagines the original color for something new.



83, 24.547, 14.108



80, 29.786, 14.763



89, 17.899, 247.253



50, 5.284, 12.380



40, 80.271, 36.265



10, 32.644, 23.374

Previews

White Background



This preview shows how the CIELCh color 83, 24.549, 14.103 looks on a white background.

Color Contrast Check

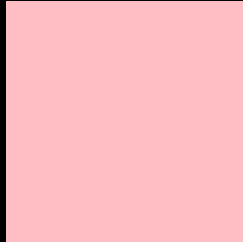
Large Text (above 18pt) WCAG AA × Fail

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, 24.549, 14.103 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, 24.549, 14.103

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.549, 14.103.



This preview shows how white text looks on a background with the CIELCh color 83, 24.549, 14.103.

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, 24.574, 14.115

Protanopia

83, 1.896, 35.368

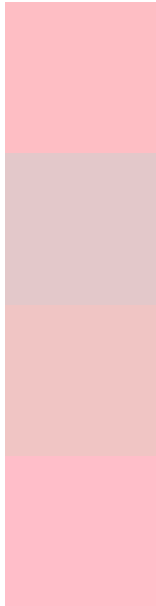
Deuteranopia

83, 12.410, 32.439



Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 24.574, 14.115

Protanomaly
83, 10.114, 14.182

Deuteranomaly
83, 16.339, 22.477

Tritanomaly
83, 25.174, 8.332

Monochromacy



Original Color
83, 24.574, 14.115

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, 24.549, 14.103 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(254, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.549, 14.103 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(254, 190, 196) }
```

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

```
.border{ border-color:rgb(254, 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(254, 190, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.549, 14.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 196) }
```

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

```
.background{ background-color: rgb(254,  
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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