

Converting Colors

CIELCh(94, 60.240, 17.062)

Have a look what the booklet for
CIELCh(94, 60.240, 17.062) contains.

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Color

CIELCh(83, 25.285, 2.236)

Conversions

Conversions Part 1

Format	Color
Hex	FEBECE
RGB	254, 190, 206
RGB Percent	100%, 75%, 81%
CMY	0.0053, 0.2559, 0.1932
CMYK	0.00, 0.25, 0.19, 0.01
HSL	345°, 96%, 87%
HSV	345°, 25%, 99%
XYZ	70.2125, 62.1629, 66.5181
YIQ	210.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

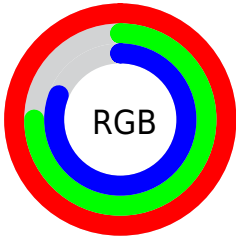
Format	Color
RYB	254, 190, 206
Decimal	16694990
CIELab	83.00, 25.27, 0.99
CIELCh	83, 25.285, 2.236
Yxy	62.1629, 0.3530, 0.3125
Android (android.graphics.Color)	4294885070 (0xFFFEBECE)
YUV	210.9600, -2.4453, 37.7461
Hunter-Lab	78.8435, 20.9836, 5.1691

Details

The CIELCh color **83, 25.285, 2.236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.131, 177.091**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **63, 25.267, 1.728** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.917, 3.713**, and if you desaturate by 10%, it is **89, 14.930, 0.999**.

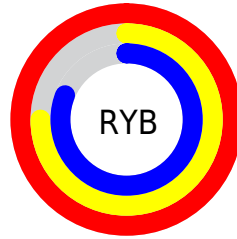
Distribution



Red (100%)

Green (75%)

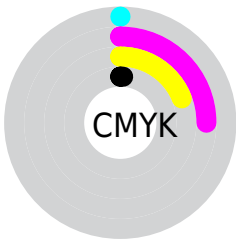
Blue (81%)



Red (100%)

Yellow (75%)

Blue (81%)

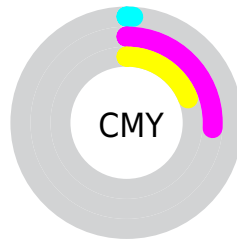


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.285, 2.236 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, 25.285, 2.236 by changing the saturation by 10% instead.

 83, 25.285, 2.236

 83, 25.285, 2.236

 100, 25.285, 2.236

 73, 25.285, 2.236

 63, 25.285, 2.236

 53, 25.285, 2.236

 43, 25.285, 2.236

 33, 25.285, 2.236

 23, 25.285, 2.236

 13, 25.285, 2.236

 3, 25.285, 2.236

 0, 25.285, 2.236

83, 25.285, 2.236

83, 25.285, 2.236

77, 35.917, 3.713

89, 14.930, 0.999

71, 46.609, 5.510

96, 4.989, 359.878

66, 57.014, 7.748

100, 0.466,
200.798

61, 66.690, 10.578

58, 75.192, 14.170

55, 82.251, 18.657

54, 87.966, 23.999

53, 90.499, 26.673

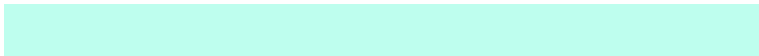
Harmonies

Complementary

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



83, 25.285, 2.236



95, 23.131, 177.091

Rectangle

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



83, 25.285, 2.236



83, 25.285, 52.236



83, 25.285, 182.236



83, 25.285, 232.236

Sweetspot

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



83, 25.282, 2.240



95, 7.763, 0.196



83, 37.466, 317.870



50, 5.536, 0.362



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, 25.282, 2.240



80, 30.497, 2.914



86, 20.615, 42.677



50, 5.536, 0.362



40, 72.620, 25.613



10, 31.699, 15.983

Inverse Universe

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



83, 25.282, 2.240



80, 30.497, 2.914



92, 17.444, 224.942



50, 5.536, 0.362



40, 72.620, 25.613



10, 31.699, 15.983

Previews

White Background



This preview shows how the CIELCh color 83, 25.285, 2.236 looks on a white background.

Color Contrast Check

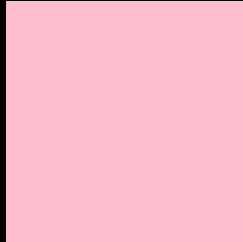
Large Text (above 18pt) WCAG AA × Fail

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, 25.285, 2.236 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, 25.285, 2.236

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.285, 2.236.

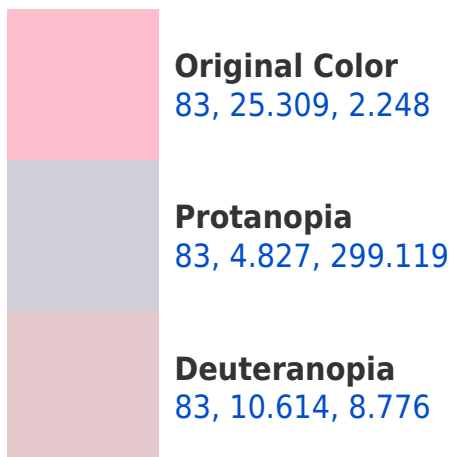


This preview shows how white text looks on a background with the CIELCh color 83, 25.285, 2.236.

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
83, 25.184, 3.396

Trichromacy



Original Color
83, 25.309, 2.248

Protanomaly
83, 11.143, 345.659

Deuteranomaly
83, 15.983, 3.492

Tritanomaly
83, 25.184, 3.396

Monochromacy



Original Color
83, 25.309, 2.248

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.390, 0.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.285, 2.236 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.285, 2.236 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, 206) }
```

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

```
.border{ border-color:rgb(254, 190, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.285, 2.236 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, 206) }
```

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

```
.background{ background-color: rgb(254,  
190, 206) }
```

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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