

Converting Colors

CIELCh(88, 42.587, 29.486)

Have a look what the booklet for
CIELCh(88, 42.587, 29.486) contains.

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Color

CIELCh(83, 24.925, 33.257)

Conversions

Conversions Part 1

Format	Color
Hex	FEC0B6
RGB	254, 192, 182
RGB Percent	100%, 75%, 71%
CMY	0.0040, 0.2469, 0.2861
CMYK	0.00, 0.24, 0.28, 0.00
HSL	8°, 97%, 85%
HSV	8°, 28%, 100%
XYZ	68.1714, 62.1629, 52.6917
YIQ	209.3980, 40.1620, 10.0340

Conversions

Conversions Part 2

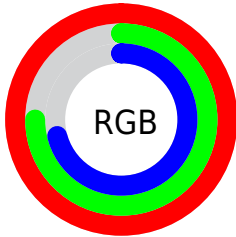
Format	Color
R _Y B	254, 194, 182
Decimal	16695478
CIE Lab	83.00, 20.84, 13.67
CIE LCh	83, 24.925, 33.257
Yxy	62.1629, 0.3725, 0.3396
Android (android.graphics.Color)	4294885558 (0xFFFE0B6)
YUV	209.3980, -13.5072, 39.1160
Hunter-Lab	78.8435, 16.3626, 15.5665

Details

The CIELCh color **83, 24.925, 33.257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 20.363, 213.007**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.971, 88.637**, and **63, 25.017, 33.134** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.161, 33.844**, and if you desaturate by 10%, it is **89, 15.454, 32.885**.

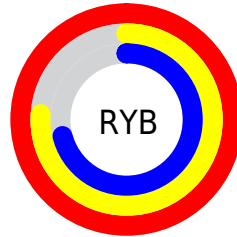
Distribution



Red (100%)

Green (75%)

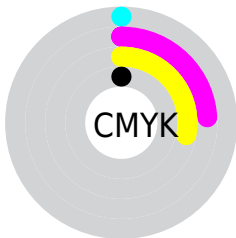
Blue (71%)



Red (100%)

Yellow (76%)

Blue (71%)

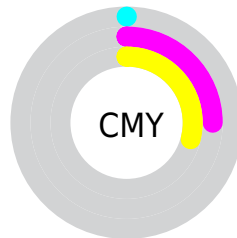


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.925, 33.257 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, 24.925, 33.257 by changing the saturation by 10% instead.

 83, 24.925, 33.257

 83, 24.925, 33.257

 100, 24.925,
33.257

 73, 24.925, 33.257

 63, 24.925, 33.257

 53, 24.925, 33.257

 43, 24.925, 33.257

 33, 24.925, 33.257

 23, 24.925, 33.257

 13, 24.925, 33.257

 3, 24.925, 33.257

 0, 24.925, 33.257

83, 24.925, 33.257

83, 24.925, 33.257

77, 35.161, 33.844

89, 15.454, 32.885

72, 46.146, 34.685

95, 6.728, 32.629

67, 57.776, 35.841

100, 0.356,
201.243

63, 69.825, 37.330

59, 81.823, 39.064

57, 92.745, 40.683

55, 100.623,
41.431

54, 101.716,
41.567

Harmonies

Complementary

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



83, 24.925, 33.257



92, 20.363, 213.007

Rectangle

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



83, 24.925, 33.257



83, 24.925, 83.257



83, 24.925, 213.257



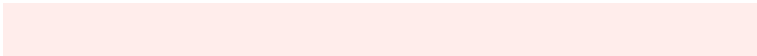
83, 24.925, 263.257

Sweetspot

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



83, 24.923, 33.264



95, 6.484, 32.621



82, 41.190, 330.018



50, 4.637, 32.658



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, 24.923, 33.264



80, 30.749, 33.565



92, 25.680, 84.646



50, 4.637, 32.658



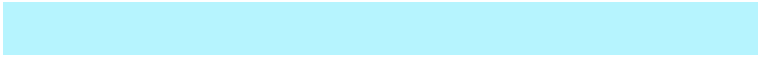
41, 81.810, 41.866



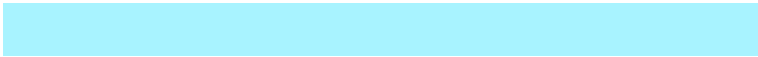
11, 30.872, 33.993

Inverse Universe

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



92, 20.363, 213.007



92, 23.968, 213.212



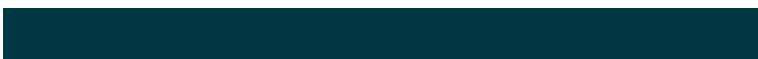
83, 25.202, 272.809



52, 4.359, 212.741



62, 35.197, 222.351



20, 16.304, 218.812

Previews

White Background



This preview shows how the CIELCh color 83, 24.925, 33.257 looks on a white background.

Color Contrast Check

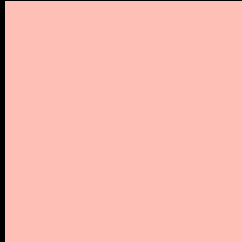
Large Text (above 18pt) WCAG AA × Fail

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, 24.925, 33.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

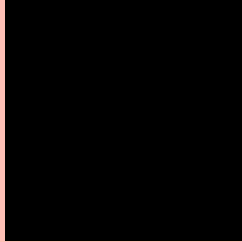
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 24.925, 33.257

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.925, 33.257.

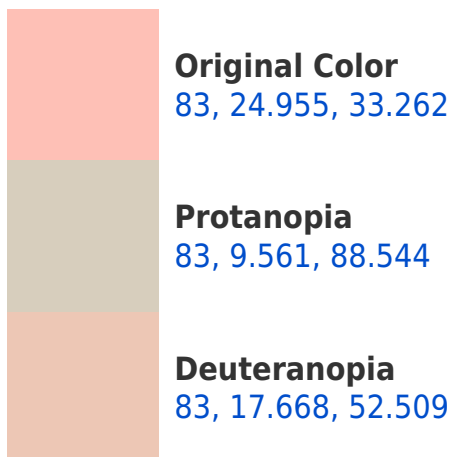


This preview shows how white text looks on a background with the CIELCh color 83, 24.925, 33.257.

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, 25.828, 5.143

Trichromacy



Original Color
83, 24.955, 33.262

Protanomaly
83, 13.383, 56.015

Deuteranomaly
83, 20.101, 43.595

Tritanomaly
83, 24.954, 15.461

Monochromacy



Original Color
83, 24.955, 33.262

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 8.492, 34.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.925, 33.257 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, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 182)  
}
```

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, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.925, 33.257 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, 192, 182) }
```

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

```
.border{ border-color:rgb(254, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.925, 33.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 182) }
```

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

```
.background{ background-color: rgb(254,  
192, 182) }
```

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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