

Converting Colors

CIELCh(83, 25.671, 38.825)

Have a look what the booklet for
CIELCh(83, 25.671, 38.825) contains.

CIELCh(83, 25.700, 37.656)	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, 25.700, 37.656)

Conversions

Conversions Part 1

Format	Color
Hex	FEC0B2
RGB	254, 192, 178
RGB Percent	100%, 75%, 70%
CMY	0.0028, 0.2460, 0.3009
CMYK	0.00, 0.24, 0.30, 0.00
HSL	11°, 98%, 85%
HSV	11°, 30%, 100%
XYZ	67.9449, 62.1629, 50.6726
YIQ	208.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

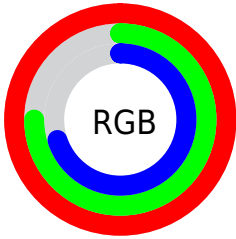
Format	Color
RYB	254, 195, 178
Decimal	16695474
CIELab	83.00, 20.35, 15.70
CIELCh	83, 25.700, 37.656
Yxy	62.1629, 0.3758, 0.3439
Android (android.graphics.Color)	4294885554 (0xFFFE0B2)
YUV	208.9420, -15.2544, 39.5159
Hunter-Lab	78.8435, 15.8497, 17.0849

Details

The CIELCh color **83, 25.700, 37.656** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 20.802, 218.815**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.909, 93.714**, and **63, 25.847, 37.714** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.767, 37.988**, and if you desaturate by 10%, it is **88, 16.393, 37.513**.

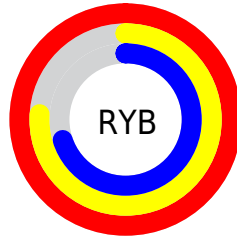
Distribution



Red (100%)

Green (75%)

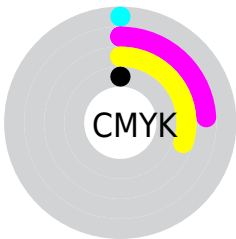
Blue (70%)



Red (100%)

Yellow (76%)

Blue (70%)

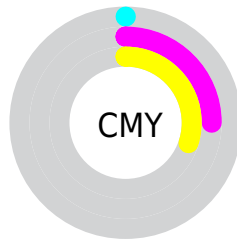


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.700, 37.656 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, 25.700, 37.656 by changing the saturation by 10% instead.

 83, 25.700, 37.656

 83, 25.700, 37.656

 100, 25.700,
37.656

 73, 25.700, 37.656

 63, 25.700, 37.656

 53, 25.700, 37.656

 43, 25.700, 37.656

 33, 25.700, 37.656

 23, 25.700, 37.656

 13, 25.700, 37.656

 3, 25.700, 37.656

 0, 25.700, 37.656

83, 25.700, 37.656

83, 25.700, 37.656

78, 35.767, 37.988

88, 16.393, 37.513

73, 46.588, 38.537

94, 7.819, 37.476

68, 58.074, 39.344

100, 0.081,
225.775

64, 70.001, 40.401

100, 0.249,
202.048

60, 81.864, 41.589

57, 92.520, 42.509

55, 100.202,
42.599

55, 100.273,
42.603

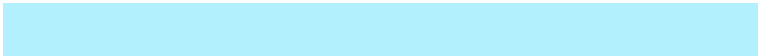
Harmonies

Complementary

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



83, 25.700, 37.656



91, 20.802, 218.815

Rectangle

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



83, 25.700, 37.656



83, 25.700, 87.656



83, 25.700, 217.656



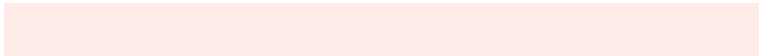
83, 25.700, 267.656

Sweetspot

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



83, 25.698, 37.663



95, 7.100, 37.474



81, 42.035, 331.858



50, 4.964, 37.477



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, 25.698, 37.663



80, 31.825, 37.838



92, 28.351, 88.577



50, 4.495, 37.475



42, 80.504, 42.982



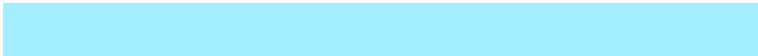
12, 30.211, 36.295

Inverse Universe

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



91, 20.802, 218.815



90, 24.492, 219.252



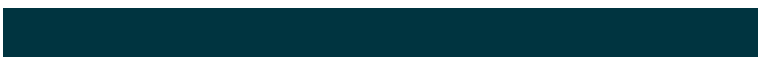
81, 28.338, 277.068



52, 4.231, 217.964



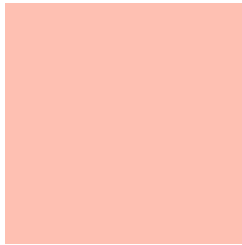
59, 35.177, 232.227



19, 16.133, 227.374

Previews

White Background



This preview shows how the CIELCh color 83, 25.700, 37.656 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, 25.700, 37.656 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, 25.700, 37.656

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.700, 37.656.

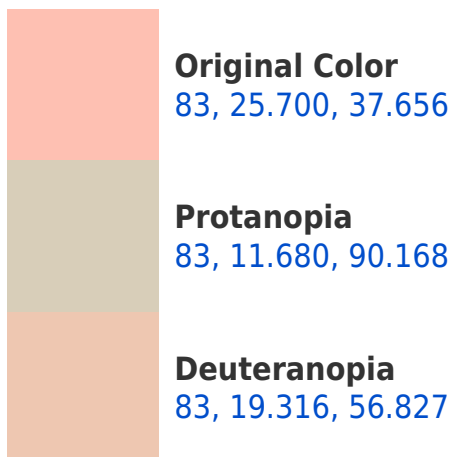


This preview shows how white text looks on a background with the CIELCh color 83, 25.700, 37.656.

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, 25.700, 37.656

Protanomaly
83, 14.731, 59.835

Deuteranomaly
83, 21.439, 49.717

Tritanomaly
83, 24.958, 16.657

Monochromacy



Original Color
83, 25.700, 37.656

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 8.653, 37.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.700, 37.656 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.700, 37.656 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, 178) }
```

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

```
.border{ border-color:rgb(254, 192, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.700, 37.656 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, 178) }
```

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

```
.background{ background-color: rgb(254,  
192, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor