

Converting Colors

CIELCh(83, 25.246, 56.070)

Have a look what the booklet for
CIELCh(83, 25.246, 56.070) contains.

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Color

CIELCh(83, 25.425, 55.632)

Conversions

Conversions Part 1

Format	Color
Hex	F7C4A8
RGB	247, 196, 168
RGB Percent	97%, 77%, 66%
CMY	0.0309, 0.2309, 0.3407
CMYK	0.00, 0.21, 0.32, 0.03
HSL	21°, 83%, 81%
HSV	21°, 32%, 97%
XYZ	65.2485, 62.1629, 45.6628
YIQ	208.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

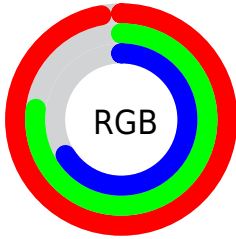
Format	Color
R _Y B	247, 211, 168
Decimal	16237736
CIE Lab	83.00, 14.35, 20.99
CIE LCh	83, 25.425, 55.632
Yxy	62.1629, 0.3770, 0.3592
Android (android.graphics.Color)	4294427816 (0xFFFF7C4A8)
YUV	208.0570, -19.7481, 34.1530
Hunter-Lab	78.8435, 9.7452, 20.8522

Details

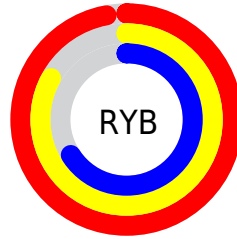
The CIELCh color **83, 25.425, 55.632** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 21.413, 242.392**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.211, 106.262**, and **63, 25.246, 55.383** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.611, 54.930**, and if you desaturate by 10%, it is **87, 16.853, 56.411**.

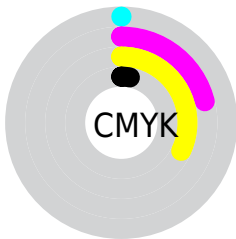
Distribution



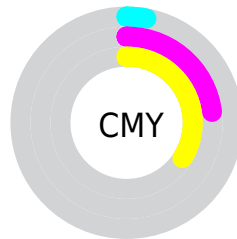
- Red (97%)
- Green (77%)
- Blue (66%)



- Red (97%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.425, 55.632 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, 25.425, 55.632 by changing the saturation by 10% instead.

 83, 25.425, 55.632

 83, 25.425, 55.632

 100, 25.425,
55.632

 73, 25.425, 55.632

 63, 25.425, 55.632

 53, 25.425, 55.632

 43, 25.425, 55.632

 33, 25.425, 55.632

 23, 25.425, 55.632

 13, 25.425, 55.632

 3, 25.425, 55.632

 0, 25.425, 55.632

83, 25.425, 55.632

83, 25.425, 55.632

79, 34.611, 54.930

87, 16.853, 56.411

75, 44.410, 54.295

92, 8.864, 57.216

71, 54.745, 53.726

96, 1.406, 57.753

67, 65.380, 53.166

99, 2.726, 199.475

64, 75.758, 52.448

61, 84.730, 51.197

59, 90.199, 49.647

Harmonies

Complementary

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



83, 25.425, 55.632



85, 21.413, 242.392

Rectangle

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



83, 25.425, 55.632



83, 25.425, 105.632



83, 25.425, 235.632



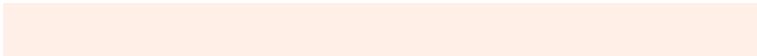
83, 25.425, 285.632

Sweetspot

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



83, 25.424, 55.639



95, 7.543, 57.371



78, 39.169, 338.890



50, 5.172, 57.260



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, 25.424, 55.639



83, 31.691, 55.198



93, 34.573, 99.645



49, 4.140, 57.413



45, 72.457, 50.293



12, 25.448, 47.311

Inverse Universe

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



85, 21.413, 242.392



85, 25.690, 243.528



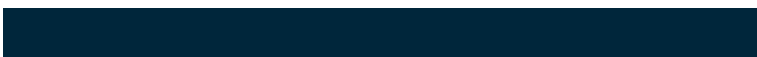
75, 36.383, 287.731



49, 3.960, 239.329



48, 42.547, 265.597



14, 17.403, 257.557

Previews

White Background



This preview shows how the CIELCh color 83, 25.425, 55.632 looks on a white background.

Color Contrast Check

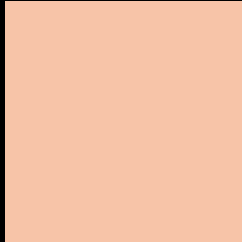
Large Text (above 18pt) WCAG AA × Fail

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, 25.425, 55.632 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, 25.425, 55.632

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.425, 55.632.

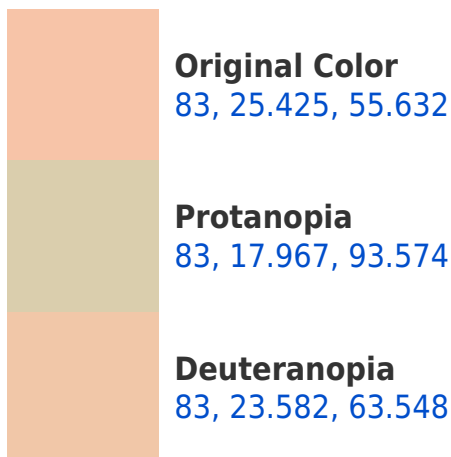


This preview shows how white text looks on a background with the CIELCh color 83, 25.425, 55.632.

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, 23.719, 2.075

Trichromacy



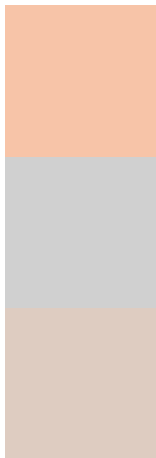
Original Color
83, 25.425, 55.632

Protanomaly
83, 19.561, 75.806

Deuteranomaly
83, 24.139, 60.771

Tritanomaly
83, 21.908, 22.485

Monochromacy



Original Color
83, 25.425, 55.632

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.923, 60.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.425, 55.632 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(247, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(247, 196, 168)  
}
```

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(247, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 196, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.425, 55.632 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(247, 196, 168) }
```

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

```
.border{ border-color:rgb(247, 196, 168) }
```

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

Here you see how a box with a 4 pixel rgb(247, 196, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(247, 196,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.425, 55.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 196, 168) }
```

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

```
.background{ background-color: rgb(247,  
196, 168) }
```

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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