

Converting Colors

CIELCh(83, 24.566, 52.620)

Have a look what the booklet for
CIELCh(83, 24.566, 52.620) contains.

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Color

CIELCh(83, 24.422, 52.902)

Conversions

Conversions Part 1

Format	Color
Hex	F7C4AB
RGB	247, 196, 171
RGB Percent	97%, 77%, 67%
CMY	0.0316, 0.2315, 0.3296
CMYK	0.00, 0.21, 0.31, 0.03
HSL	20°, 83%, 82%
HSV	20°, 31%, 97%
XYZ	65.4166, 62.1629, 47.0561
YIQ	208.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

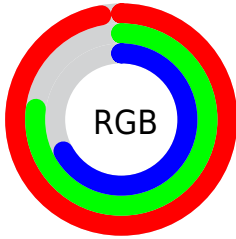
Format	Color
R _Y B	247, 208, 171
Decimal	16237739
CIE Lab	83.00, 14.73, 19.48
CIE LCh	83, 24.422, 52.902
Yxy	62.1629, 0.3746, 0.3560
Android (android.graphics.Color)	4294427819 (0xFFF7C4AB)
YUV	208.3990, -18.4377, 33.8531
Hunter-Lab	78.8435, 10.1256, 19.8044

Details

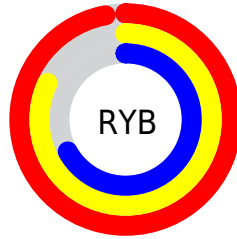
The CIELCh color **83, 24.422, 52.902** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 20.476, 238.700**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.696, 106.085**, and **63, 24.169, 52.524** is the 20% darker color. If you saturate the color by 10%, you get **79, 33.608, 52.332**, and if you desaturate by 10%, it is **88, 15.877, 53.563**.

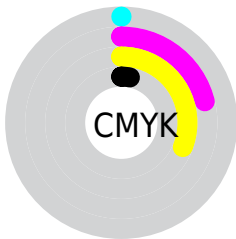
Distribution



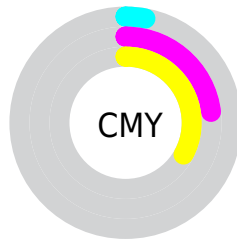
- Red (97%)
- Green (77%)
- Blue (67%)



- Red (97%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (23%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.422, 52.902 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, 24.422, 52.902 by changing the saturation by 10% instead.

 83, 24.422, 52.902

 83, 24.422, 52.902

 100, 24.422,
52.902

 73, 24.422, 52.902

 63, 24.422, 52.902

 53, 24.422, 52.902

 43, 24.422, 52.902

 33, 24.422, 52.902

 23, 24.422, 52.902

 13, 24.422, 52.902

 3, 24.422, 52.902

 0, 24.422, 52.902

83, 24.422, 52.902

83, 24.422, 52.902

79, 33.608, 52.332

88, 15.877, 53.563

74, 43.442, 51.849

92, 7.936, 54.257

70, 53.862, 51.458

97, 0.545, 54.050

67, 64.663, 51.115

99, 2.787, 199.466

63, 75.344, 50.672

60, 84.826, 49.772

58, 91.442, 48.263

Harmonies

Complementary

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



83, 24.422, 52.902



86, 20.476, 238.700

Rectangle

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



83, 24.422, 52.902



83, 24.422, 102.902



83, 24.422, 232.902



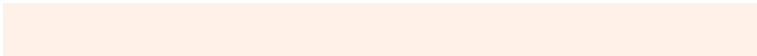
83, 24.422, 282.902

Sweetspot

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



83, 24.421, 52.909



96, 6.761, 54.375



79, 38.548, 337.269



50, 4.723, 54.277



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

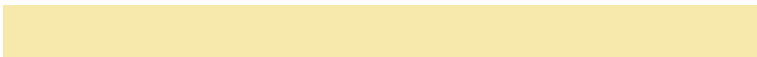
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 24.421, 52.909



83, 30.864, 52.536



92, 32.226, 97.810



49, 4.137, 54.344



44, 73.484, 48.878



12, 25.728, 45.122

Inverse Universe

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



86, 20.476, 238.700



86, 24.812, 239.767



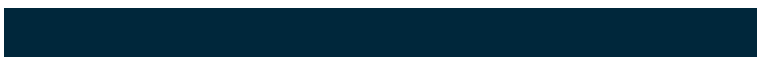
76, 33.567, 285.762



49, 3.944, 236.081



50, 40.600, 261.361



14, 16.816, 253.397

Previews

White Background



This preview shows how the CIELCh color 83, 24.422, 52.902 looks on a white background.

Color Contrast Check

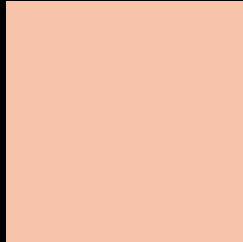
Large Text (above 18pt) WCAG AA × Fail

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, 24.422, 52.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

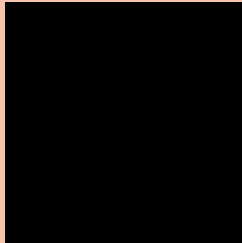
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 24.422, 52.902

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.422, 52.902.

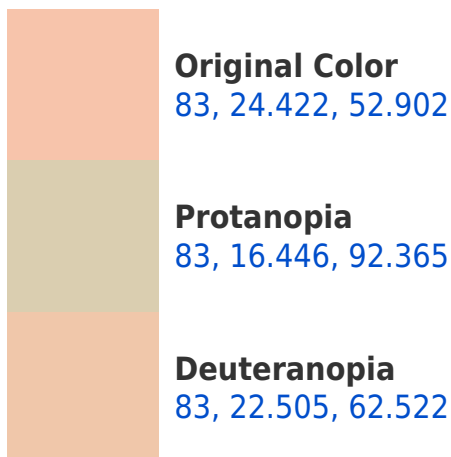



This preview shows how white text looks on a background with the CIELCh color 83, 24.422, 52.902.

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



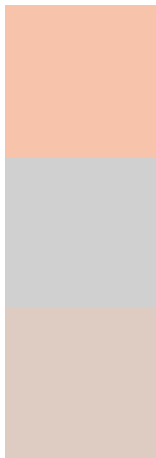
Original Color
83, 24.422, 52.902

Protanomaly
83, 18.222, 73.375

Deuteranomaly
83, 23.398, 59.024

Tritanomaly
83, 21.853, 21.128

Monochromacy



Original Color
83, 24.422, 52.902

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.255, 54.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.422, 52.902 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(247, 196, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 196, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.422, 52.902 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, 171) }
```

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

```
.border{ border-color:rgb(247, 196, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 196, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 196, 171); box-shadow:4px 4px 4px 4px rgb(247, 196, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.422, 52.902 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, 171) }
```

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

```
.background{ background-color: rgb(247,  
196, 171) }
```

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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