

Converting Colors

CIELCh(83, 29.892, 64.242)

Have a look what the booklet for
CIELCh(83, 29.892, 64.242) contains.

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Color

CIELCh(83, 29.906, 64.467)

Conversions

Conversions Part 1

Format	Color
Hex	F8C59D
RGB	248, 197, 157
RGB Percent	97%, 77%, 62%
CMY	0.0284, 0.2283, 0.3852
CMYK	0.00, 0.21, 0.37, 0.03
HSL	26°, 86%, 79%
HSV	26°, 37%, 97%
XYZ	64.6018, 62.1629, 40.3906
YIQ	207.6890, 43.2360, -1.6280

Conversions

Conversions Part 2

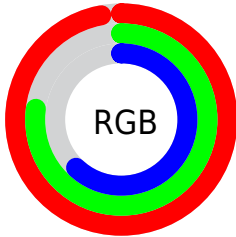
Format	Color
R _Y B	248, 228, 157
Decimal	16303517
CIE Lab	83.00, 12.89, 26.99
CIE LCh	83, 29.906, 64.467
Yxy	62.1629, 0.3865, 0.3719
Android (android.graphics.Color)	4294493597 (0xFFFF8C59D)
YUV	207.6890, -24.9897, 35.3527
Hunter-Lab	78.8435, 8.2810, 24.8169

Details

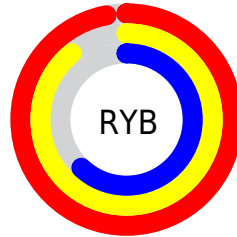
The CIELCh color $83, 29.906, 64.467$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $81, 25.842, 254.508$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 21.238, 107.562$, and $63, 30.039, 64.446$ is the 20% darker color. If you saturate the color by 10%, you get $79, 39.176, 63.384$, and if you desaturate by 10%, it is $87, 21.129, 65.579$.

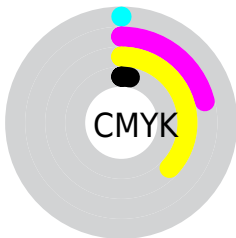
Distribution



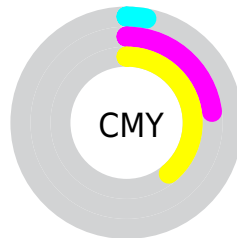
- Red (97%)
- Green (77%)
- Blue (62%)



- Red (97%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (23%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 29.906, 64.467 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, 29.906, 64.467 by changing the saturation by 10% instead.

 83, 29.906, 64.467

 83, 29.906, 64.467

 100, 29.906,
64.467

 73, 29.906, 64.467

 63, 29.906, 64.467

 53, 29.906, 64.467

 43, 29.906, 64.467

 33, 29.906, 64.467

 23, 29.906, 64.467

 13, 29.906, 64.467

 3, 29.906, 64.467

 0, 29.906, 64.467

83, 29.906, 64.467

83, 29.906, 64.467

79, 39.176, 63.384

87, 21.129, 65.579

76, 48.888, 62.304

91, 12.842, 66.691

72, 58.873, 61.199

95, 5.014, 67.762

69, 68.736, 59.965

99, 2.081, 241.029

66, 77.660, 58.368

99, 2.512, 199.510

63, 84.357, 56.001

62, 86.211, 55.159

Harmonies

Complementary

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



83, 29.906, 64.467



81, 25.842, 254.508

Rectangle

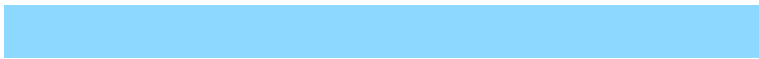
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 29.906, 64.467



83, 29.906, 114.467



83, 29.906, 244.467



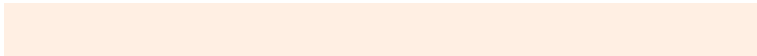
83, 29.906, 294.467

Sweetspot

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



83, 29.906, 64.473



95, 8.507, 67.315



75, 42.645, 343.535



50, 5.739, 67.168



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, 29.906, 64.473



82, 37.480, 63.671



94, 42.927, 103.549



50, 4.306, 67.477



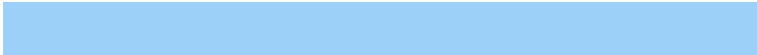
48, 69.928, 55.837



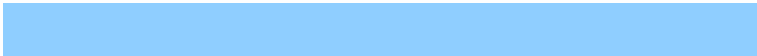
14, 25.997, 55.634

Inverse Universe

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



81, 25.842, 254.508



80, 31.318, 256.253



70, 46.557, 292.427



50, 4.171, 249.841



44, 51.007, 277.554



13, 20.621, 270.197

Previews

White Background



This preview shows how the CIELCh color 83, 29.906, 64.467 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, 29.906, 64.467 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, 29.906, 64.467

Background



This preview shows how black text looks on a background with the CIELCh color 83, 29.906, 64.467.



This preview shows how white text looks on a background with the CIELCh color 83, 29.906, 64.467.

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, 24.822, 3.081

Trichromacy



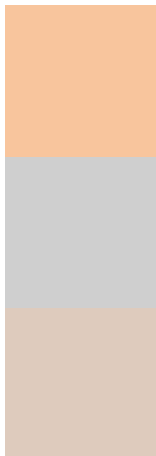
Original Color
83, 29.906, 64.467

Protanomaly
83, 25.817, 82.317

Deuteranomaly
83, 29.536, 67.939

Tritanomaly
83, 23.071, 27.653

Monochromacy



Original Color
83, 29.906, 64.467

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.327, 65.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 29.906, 64.467 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(248, 197, 157)` looks like.

```
.text, #text, p{  
    color:rgb(248, 197, 157)  
}
```

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(248, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 197, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 29.906, 64.467 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(248, 197, 157) }
```

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

```
.border{ border-color:rgb(248, 197, 157) }
```

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

Here you see how a box with a 4 pixel rgb(248, 197, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 197, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 197, 157);  
box-shadow:4px 4px 4px 4px rgb(248, 197,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 29.906, 64.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 197, 157) }
```

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

```
.background{ background-color: rgb(248,  
197, 157) }
```

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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