

Converting Colors

CIELCh(91, 50.215, 33.476)

Have a look what the booklet for
CIELCh(91, 50.215, 33.476) contains.

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Color

CIELCh(84, 24.922, 42.995)

Conversions

Conversions Part 1

Format	Color
Hex	FEC4B2
RGB	254, 196, 178
RGB Percent	100%, 77%, 70%
CMY	0.0023, 0.2296, 0.3001
CMYK	0.00, 0.23, 0.30, 0.00
HSL	14°, 98%, 85%
HSV	14°, 30%, 100%
XYZ	68.9493, 64.0658, 51.0951
YIQ	211.2900, 40.3460, 6.6980

Conversions

Conversions Part 2

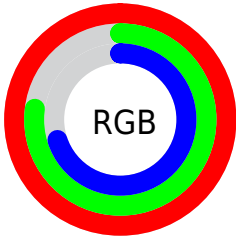
Format	Color
RYB	254, 202, 178
Decimal	16696498
CIELab	84.00, 18.23, 17.00
CIELCh	84, 24.922, 42.995
Yxy	64.0658, 0.3745, 0.3480
Android (android.graphics.Color)	4294886578 (0xFFFE4B2)
YUV	211.2900, -16.4120, 37.4567
Hunter-Lab	80.0411, 13.6922, 18.1804

Details

The CIELCh color **84, 24.922, 42.995** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 20.372, 225.853**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 9.652, 105.161**, and **64, 25.037, 43.227** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.682, 42.984**, and if you desaturate by 10%, it is **89, 15.898, 43.157**.

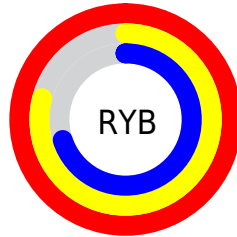
Distribution



Red (100%)

Green (77%)

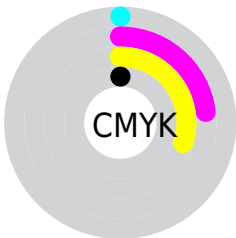
Blue (70%)



Red (100%)

Yellow (79%)

Blue (70%)

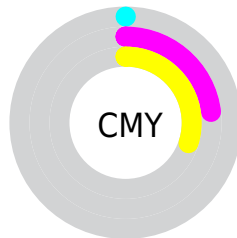


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.922, 42.995 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 84, 24.922, 42.995 by changing the saturation by 10% instead.

 84, 24.922, 42.995

 84, 24.922, 42.995

 100, 24.922,
42.995

 74, 24.922, 42.995

 64, 24.922, 42.995

 54, 24.922, 42.995

 44, 24.922, 42.995

 34, 24.922, 42.995

 24, 24.922, 42.995

 14, 24.922, 42.995

 4, 24.922, 42.995

 0, 24.922, 42.995

84, 24.922, 42.995

84, 24.922, 42.995

79, 34.682, 42.984

89, 15.898, 43.157

74, 45.187, 43.138

94, 7.574, 43.395

70, 56.370, 43.484

100, 0.112,
229.532

66, 68.030, 44.001

100, 0.203,
202.663

62, 79.683, 44.563

59, 90.223, 44.798

57, 98.018, 44.220

56, 98.123, 44.215

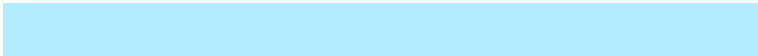
Harmonies

Complementary

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



84, 24.922, 42.995



90, 20.372, 225.853

Rectangle

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



84, 24.922, 42.995



84, 24.922, 92.995



84, 24.922, 222.995



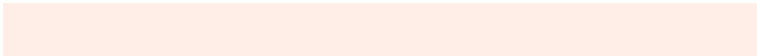
84, 24.922, 272.995

Sweetspot

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



84, 24.921, 43.002



95, 6.907, 43.415



81, 40.569, 333.733



50, 4.828, 43.381



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 24.921, 43.002



81, 30.890, 42.972



93, 29.615, 92.369



50, 4.372, 43.404



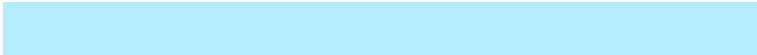
43, 78.691, 44.684



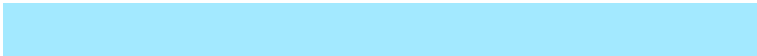
12, 29.438, 39.410

Inverse Universe

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



90, 20.372, 225.853



89, 24.053, 226.523



80, 30.104, 280.576



52, 4.128, 224.374



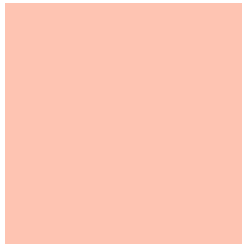
56, 36.374, 243.628



18, 16.361, 237.509

Previews

White Background



This preview shows how the CIELCh color 84, 24.922, 42.995 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 84, 24.922, 42.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

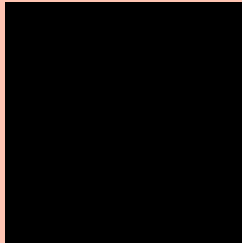
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.922, 42.995

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.922, 42.995.



This preview shows how white text looks on a background with the CIELCh color 84, 24.922, 42.995.

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



Original Color

84, 24.952, 42.994

Protanopia

84, 13.152, 92.210

Deuteranopia

84, 20.316, 60.134



Tritanopia
84, 24.273, 3.912

Trichromacy



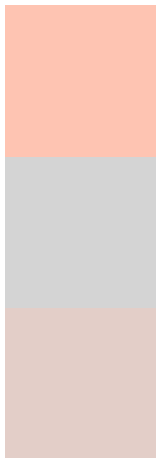
Original Color
84, 24.952, 42.994

Protanomaly
84, 15.518, 64.968

Deuteranomaly
84, 21.628, 52.493

Tritanomaly
84, 23.305, 17.430

Monochromacy



Original Color
84, 24.952, 42.994

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.459, 41.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.922, 42.995 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, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 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, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.922, 42.995 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, 196, 178) }
```

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

```
.border{ border-color:rgb(254, 196, 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, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.922, 42.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 178) }
```

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

```
.background{ background-color: rgb(254,  
196, 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](#).

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