

Converting Colors

CIELCh(100, 77.878, 30.724)

Have a look what the booklet for
CIELCh(100, 77.878, 30.724)
contains.

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Color

CIELCh(84, 24.444, 40.862)

Conversions

Conversions Part 1

Format	Color
Hex	FEC4B4
RGB	254, 196, 180
RGB Percent	100%, 77%, 71%
CMY	0.0028, 0.2300, 0.2928
CMYK	0.00, 0.23, 0.29, 0.00
HSL	13°, 98%, 85%
HSV	13°, 29%, 100%
XYZ	69.0683, 64.0658, 52.0907
YIQ	211.5180, 39.7040, 7.3200

Conversions

Conversions Part 2

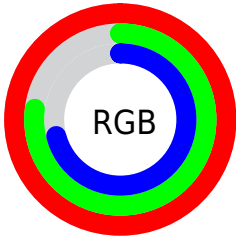
Format	Color
RYB	254, 200, 180
Decimal	16696500
CIELab	84.00, 18.49, 15.99
CIElCh	84, 24.444, 40.862
Yxy	64.0658, 0.3729, 0.3459
Android (android.graphics.Color)	4294886580 (0xFFFE4B4)
YUV	211.5180, -15.5384, 37.2567
Hunter-Lab	80.0411, 13.9576, 17.4429

Details

The CIELCh color **84, 24.444, 40.862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 20.014, 222.991**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.641, 104.749**, and **64, 24.508, 41.015** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.256, 40.972**, and if you desaturate by 10%, it is **89, 15.378, 40.915**.

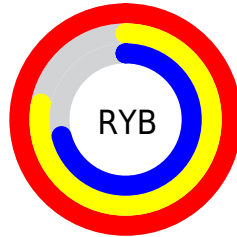
Distribution



Red (100%)

Green (77%)

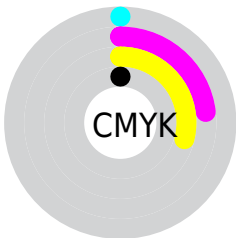
Blue (71%)



Red (100%)

Yellow (78%)

Blue (71%)

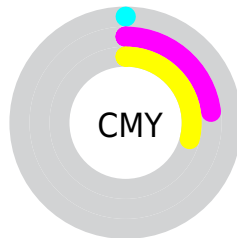


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.444, 40.862 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, 24.444, 40.862 by changing the saturation by 10% instead.

 84, 24.444, 40.862

 84, 24.444, 40.862

 100, 24.444,
40.862

 74, 24.444, 40.862

 64, 24.444, 40.862


 54, 24.444, 40.862

 44, 24.444, 40.862

 34, 24.444, 40.862

 24, 24.444, 40.862

 14, 24.444, 40.862

 4, 24.444, 40.862

 0, 24.444, 40.862

84, 24.444, 40.862

84, 24.444, 40.862

79, 34.256, 40.972

89, 15.378, 40.915

74, 44.822, 41.263

95, 7.020, 41.048

69, 56.075, 41.771

100, 0.246,
202.084

65, 67.822, 42.483

62, 79.602, 43.290

58, 90.364, 43.836

56, 98.338, 43.539

56, 98.990, 43.529

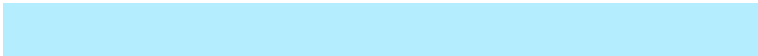
Harmonies

Complementary

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



84, 24.444, 40.862



91, 20.014, 222.991

Rectangle

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



84, 24.444, 40.862



84, 24.444, 90.862



84, 24.444, 220.862



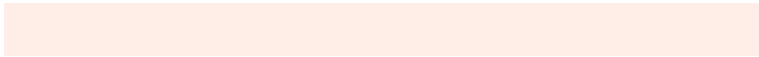
84, 24.444, 270.862

Sweetspot

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



84, 24.443, 40.869



95, 6.973, 41.049



82, 40.428, 332.412



50, 4.875, 41.029



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, 24.443, 40.869



81, 30.231, 40.909



93, 27.965, 89.988



50, 4.414, 41.042



42, 79.435, 43.963



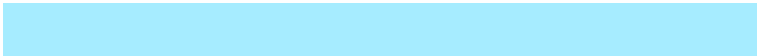
12, 29.741, 38.128

Inverse Universe

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



91, 20.014, 222.991



89, 23.604, 223.536



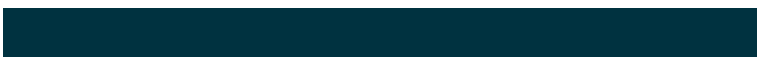
82, 28.110, 278.130



52, 4.162, 221.824



58, 35.748, 239.213



19, 16.215, 233.543

Previews

White Background



This preview shows how the CIELCh color 84, 24.444, 40.862 looks on a white background.

Color Contrast Check

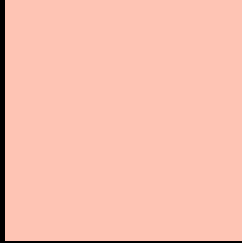
Large Text (above 18pt) WCAG AA × Fail

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, 24.444, 40.862 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, 24.444, 40.862

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.444, 40.862.



This preview shows how white text looks on a background with the CIELCh color 84, 24.444, 40.862.

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, 24.473, 40.862

Protanopia

84, 12.148, 90.923

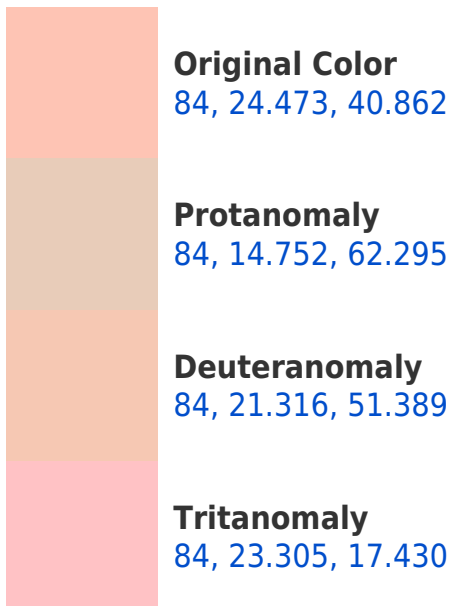
Deuteranopia

84, 19.597, 57.987



Tritanopia
84, 24.273, 3.912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.444, 40.862 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.444, 40.862 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, 180) }
```

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

```
.border{ border-color:rgb(254, 196, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.444, 40.862 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, 180) }
```

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

```
.background{ background-color: rgb(254,  
196, 180) }
```

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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