

Converting Colors

CIELCh(84, 24.886, 37.665)

Have a look what the booklet for
CIELCh(84, 24.886, 37.665) contains.

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Color

CIELCh(84, 24.417, 38.381)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B6
RGB	255, 196, 182
RGB Percent	100%, 77%, 71%
CMY	0.0003, 0.2316, 0.2866
CMYK	0.00, 0.23, 0.29, 0.00
HSL	12°, 100%, 86%
HSV	12°, 29%, 100%
XYZ	69.3701, 64.0658, 52.9263
YIQ	212.0450, 39.6580, 8.1540

Conversions

Conversions Part 2

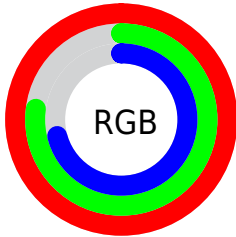
Format	Color
R _Y B	255, 199, 182
Decimal	16762038
CIE Lab	84.00, 19.14, 15.16
CIE LCh	84, 24.417, 38.381
Yxy	64.0658, 0.3722, 0.3438
Android (android.graphics.Color)	4294952118 (0xFFFFC4B6)
YUV	212.0450, -14.8122, 37.6715
Hunter-Lab	80.0411, 14.6307, 16.8239

Details

The CIELCh color **84, 24.417, 38.381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 19.984, 219.721**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.630, 104.208**, and **64, 24.434, 38.435** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.361, 38.640**, and if you desaturate by 10%, it is **89, 15.231, 38.300**.

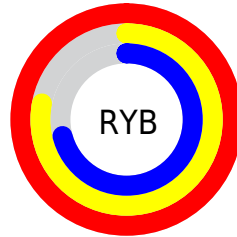
Distribution



Red (100%)

Green (77%)

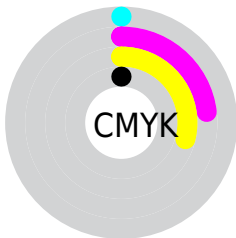
Blue (71%)



Red (100%)

Yellow (78%)

Blue (71%)

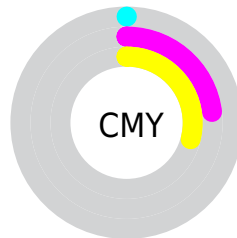


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.417, 38.381 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, 24.417, 38.381 by changing the saturation by 10% instead.

 84, 24.417, 38.381

 84, 24.417, 38.381

 100, 24.417,
38.381

 74, 24.417, 38.381

 64, 24.417, 38.381

 54, 24.417, 38.381

 44, 24.417, 38.381

 34, 24.417, 38.381

 24, 24.417, 38.381

 14, 24.417, 38.381

 4, 24.417, 38.381

 0, 24.417, 38.381

84, 24.417, 38.381

84, 24.417, 38.381

79, 34.361, 38.640

89, 15.231, 38.300

74, 45.064, 39.103

95, 6.768, 38.307

69, 56.456, 39.811

100, 0.028,
223.432

65, 68.336, 40.763

61, 80.251, 41.858

58, 91.170, 42.748

56, 99.229, 42.783

56, 100.178,
42.804

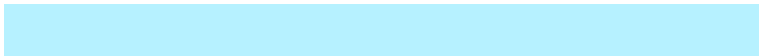
Harmonies

Complementary

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



84, 24.417, 38.381



92, 19.984, 219.721

Rectangle

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



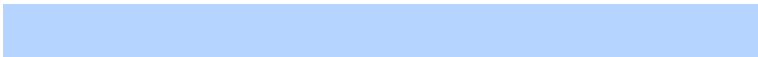
84, 24.417, 38.381



84, 24.417, 88.381



84, 24.417, 218.381



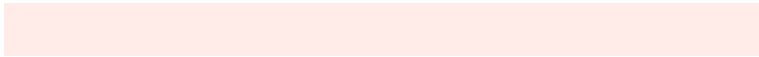
84, 24.417, 268.381

Sweetspot

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



84, 24.415, 38.388



95, 7.068, 38.307



82, 40.357, 331.773



50, 4.941, 38.305



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, 24.415, 38.388



81, 29.665, 38.500



93, 27.179, 88.747



50, 4.474, 38.307



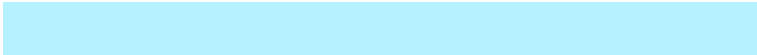
42, 80.262, 43.199



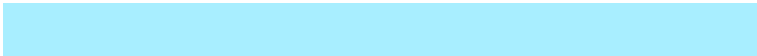
12, 30.100, 36.711

Inverse Universe

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



92, 19.984, 219.721



90, 23.243, 220.112



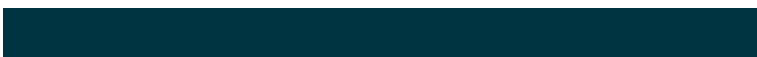
82, 27.164, 276.826



52, 4.213, 218.865



59, 35.268, 233.886



19, 16.137, 228.829

Previews

White Background



This preview shows how the CIELCh color 84, 24.417, 38.381 looks on a white background.

Color Contrast Check

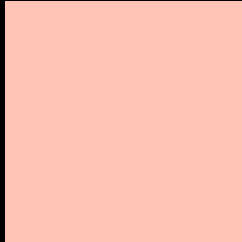
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 24.417, 38.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

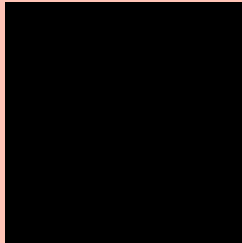
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.417, 38.381

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.417, 38.381.

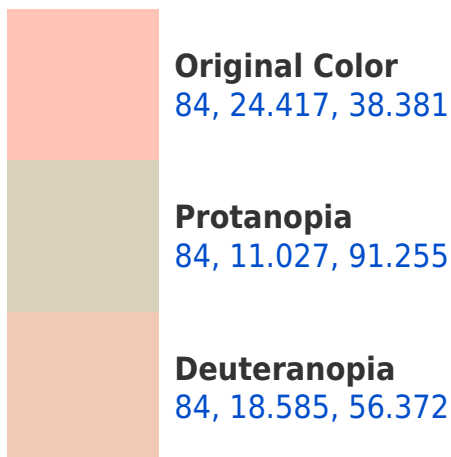


This preview shows how white text looks on a background with the CIELCh color 84, 24.417, 38.381.

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
84, 24.273, 3.912

Trichromacy



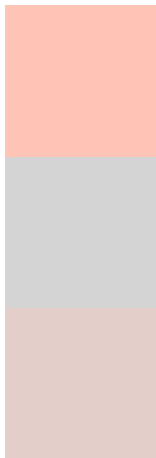
Original Color
84, 24.417, 38.381

Protanomaly
84, 14.088, 61.885

Deuteranomaly
84, 20.365, 49.600

Tritanomaly
84, 23.297, 16.151

Monochromacy



Original Color
84, 24.417, 38.381

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.626, 37.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.417, 38.381 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(255, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 182)  
}
```

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(255, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.417, 38.381 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(255, 196, 182) }
```

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

```
.border{ border-color:rgb(255, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 182); box-shadow:4px 4px 4px 4px rgb(255, 196, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.417, 38.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 182) }
```

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

```
.background{ background-color: rgb(255,  
196, 182) }
```

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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