

Converting Colors

CIELCh(100, 77.618, 30.672)

Have a look what the booklet for
CIELCh(100, 77.618, 30.672)
contains.

CIELCh(84, 24.219, 39.763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 24.219, 39.763)

Conversions

Conversions Part 1

Format	Color
Hex	FEC4B5
RGB	254, 196, 181
RGB Percent	100%, 77%, 71%
CMY	0.0030, 0.2303, 0.2891
CMYK	0.00, 0.23, 0.29, 0.00
HSL	12°, 98%, 85%
HSV	12°, 29%, 100%
XYZ	69.1284, 64.0658, 52.5932
YIQ	211.6320, 39.3830, 7.6310

Conversions

Conversions Part 2

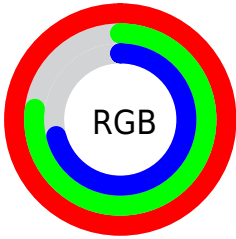
Format	Color
R _Y B	254, 200, 181
Decimal	16696501
CIE Lab	84.00, 18.62, 15.49
CIE LCh	84, 24.219, 39.763
Yxy	64.0658, 0.3721, 0.3448
Android (android.graphics.Color)	4294886581 (0xFFFE4B5)
YUV	211.6320, -15.1016, 37.1567
Hunter-Lab	80.0411, 14.0917, 17.0706

Details

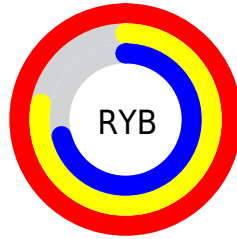
The CIELCh color $84, 24.219, 39.763$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91, 19.853, 221.529$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 8.135, 104.498$, and $64, 24.259, 39.872$ is the 20% darker color. If you saturate the color by 10%, you get $79, 34.062, 39.935$, and if you desaturate by 10%, it is $89, 15.126, 39.759$.

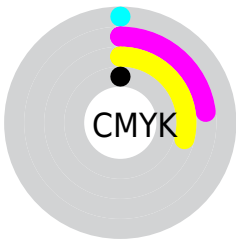
Distribution



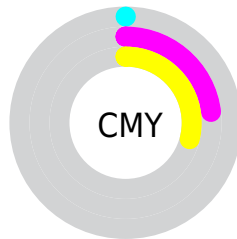
- Red (100%)
- Green (77%)
- Blue (71%)



- 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, 24.219, 39.763 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, 24.219, 39.763 by changing the saturation by 10% instead.

84, 24.219, 39.763

84, 24.219, 39.763

100, 24.219,
39.763

74, 24.219, 39.763

64, 24.219, 39.763

54, 24.219, 39.763

44, 24.219, 39.763

34, 24.219, 39.763

24, 24.219, 39.763

14, 24.219, 39.763

4, 24.219, 39.763

0, 24.219, 39.763

84, 24.219, 39.763

84, 24.219, 39.763

79, 34.062, 39.935

89, 15.126, 39.759

74, 44.662, 40.298

95, 6.746, 39.837

69, 55.952, 40.889

100, 0.268,
201.863

65, 67.740, 41.703

61, 79.576, 42.636

58, 90.437, 43.343

56, 98.500, 43.201

56, 99.420, 43.200

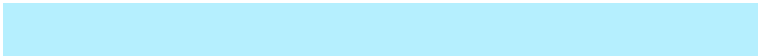
Harmonies

Complementary

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



84, 24.219, 39.763



91, 19.853, 221.529

Rectangle

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



84, 24.219, 39.763



84, 24.219, 89.763



84, 24.219, 219.763



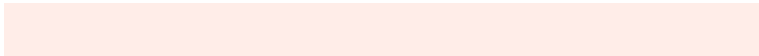
84, 24.219, 269.763

Sweetspot

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



84, 24.218, 39.770



95, 7.013, 39.835



82, 39.886, 332.385



50, 4.903, 39.823



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, 24.218, 39.770



81, 29.422, 39.836



93, 27.578, 90.040



50, 4.439, 39.831



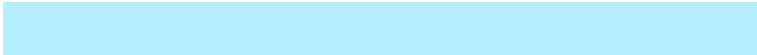
42, 79.806, 43.615



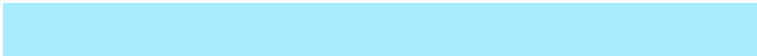
12, 29.899, 37.491

Inverse Universe

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



91, 19.853, 221.529



90, 23.110, 221.967



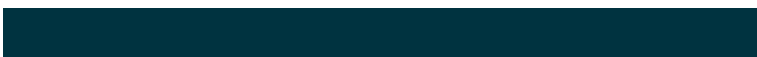
82, 27.719, 278.057



52, 4.183, 220.515



58, 35.502, 236.881



19, 16.168, 231.471

Previews

White Background



This preview shows how the CIELCh color 84, 24.219, 39.763 looks on a white background.

Color Contrast Check

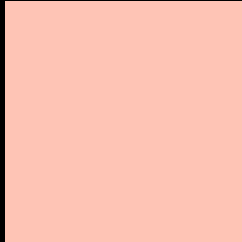
Large Text (above 18pt) WCAG AA × Fail

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, 24.219, 39.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

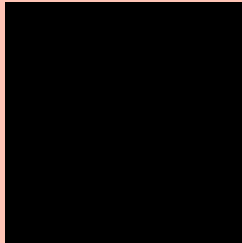
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.219, 39.763

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.219, 39.763.

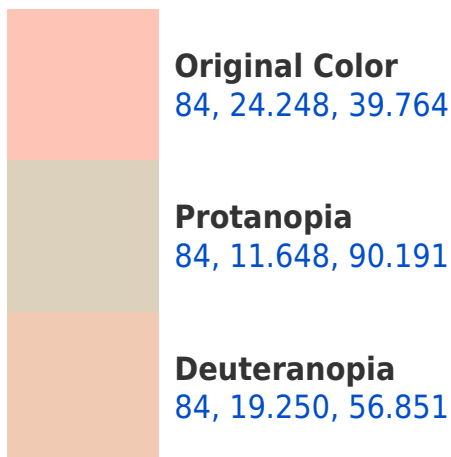


This preview shows how white text looks on a background with the CIELCh color 84, 24.219, 39.763.

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



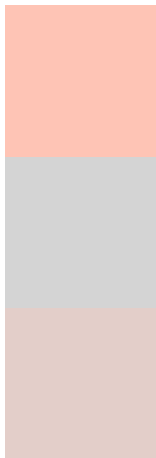
Original Color
84, 24.248, 39.764

Protanomaly
84, 14.383, 60.850

Deuteranomaly
84, 21.012, 50.250

Tritanomaly
84, 23.297, 16.151

Monochromacy



Original Color
84, 24.248, 39.764

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.264, 38.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.219, 39.763 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.219, 39.763 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, 181) }
```

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

```
.border{ border-color:rgb(254, 196, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.219, 39.763 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, 181) }
```

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

```
.background{ background-color: rgb(254,  
196, 181) }
```

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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