

Converting Colors

CIELCh(100, 78.740, 31.156)

Have a look what the booklet for
CIELCh(100, 78.740, 31.156)
contains.

CIELCh(84, 24.854, 40.568)	3
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Color

CIELCh(84, 24.854, 40.568)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B4
RGB	255, 196, 180
RGB Percent	100%, 77%, 71%
CMY	0.0000, 0.2312, 0.2939
CMYK	0.00, 0.23, 0.29, 0.00
HSL	13°, 100%, 85%
HSV	13°, 29%, 100%
XYZ	69.2497, 64.0658, 51.9195
YIQ	211.8170, 40.3000, 7.5320

Conversions

Conversions Part 2

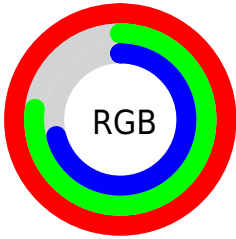
Format	Color
R _Y B	255, 200, 180
Decimal	16762036
CIE Lab	84.00, 18.88, 16.16
CIE LCh	84, 24.854, 40.568
Yxy	64.0658, 0.3738, 0.3459
Android (android.graphics.Color)	4294952116 (0xFFFFC4B4)
YUV	211.8170, -15.6858, 37.8715
Hunter-Lab	80.0411, 14.3623, 17.5697

Details

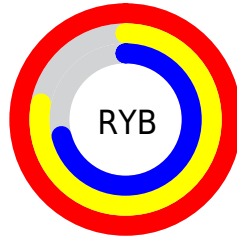
The CIELCh color **84, 24.854, 40.568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 20.274, 222.649**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.641, 104.749**, and **64, 24.918, 40.712** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.711, 40.715**, and if you desaturate by 10%, it is **89, 15.711, 40.614**.

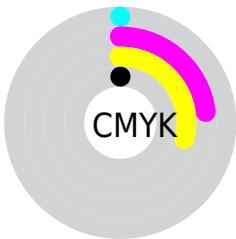
Distribution



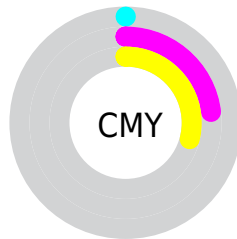
- Red (100%)
- Green (77%)
- Blue (71%)



- 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, 24.854, 40.568 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, 24.854, 40.568 by changing the saturation by 10% instead.

 84, 24.854, 40.568

 84, 24.854, 40.568

 100, 24.854,
40.568

 74, 24.854, 40.568

 64, 24.854, 40.568

 54, 24.854, 40.568

 44, 24.854, 40.568

 34, 24.854, 40.568

 24, 24.854, 40.568

 14, 24.854, 40.568

 4, 24.854, 40.568

 0, 24.854, 40.568

84, 24.854, 40.568

84, 24.854, 40.568

79, 34.711, 40.715

89, 15.711, 40.614

74, 45.341, 41.033

95, 7.301, 40.732

69, 56.655, 41.572

100, 0.012,
296.813

65, 68.454, 42.318

62, 80.260, 43.156

58, 90.992, 43.719

56, 98.892, 43.443

56, 99.321, 43.439

Harmonies

Complementary

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



84, 24.854, 40.568



91, 20.274, 222.649

Rectangle

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



84, 24.854, 40.568



84, 24.854, 90.568



84, 24.854, 220.568



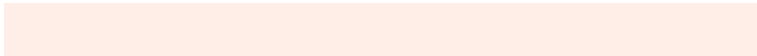
84, 24.854, 270.568

Sweetspot

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



84, 24.835, 40.589



95, 6.983, 40.737



82, 40.956, 332.434



50, 4.882, 40.719



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, 24.835, 40.589



81, 30.277, 40.638



93, 28.339, 89.946



50, 4.421, 40.731



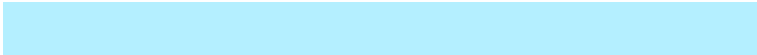
42, 79.531, 43.872



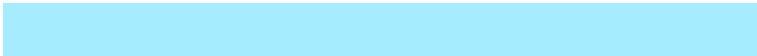
12, 29.781, 37.963

Inverse Universe

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



91, 20.274, 222.649



90, 23.626, 223.156



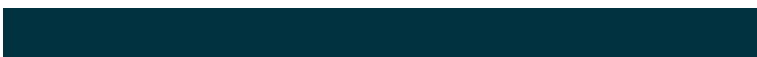
82, 28.489, 278.190



52, 4.167, 221.488



58, 35.680, 238.618



19, 16.202, 233.013

Previews

White Background



This preview shows how the CIELCh color 84, 24.854, 40.568 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, 24.854, 40.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

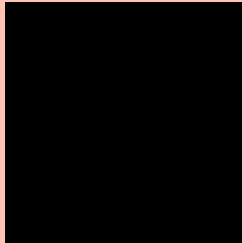
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.854, 40.568

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.854, 40.568.



This preview shows how white text looks on a background with the CIELCh color 84, 24.854, 40.568.

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, 24.854, 40.568

Protanopia

84, 12.148, 90.923

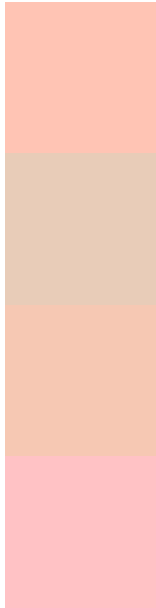
Deuteranopia

84, 19.597, 57.987



Tritanopia
84, 24.273, 3.912

Trichromacy



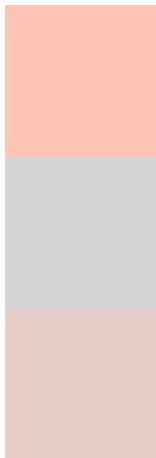
Original Color
84, 24.854, 40.568

Protanomaly
84, 15.131, 63.667

Deuteranomaly
84, 21.316, 51.389

Tritanomaly
84, 23.305, 17.430

Monochromacy



Original Color
84, 24.854, 40.568

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.814, 40.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.854, 40.568 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.854, 40.568 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, 180) }
```

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

```
.border{ border-color:rgb(255, 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(255, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 180); box-shadow:4px 4px 4px 4px rgb(255, 196, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.854, 40.568 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
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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