

Converting Colors

CIELCh(100, 78.653, 26.920)

Have a look what the booklet for
CIELCh(100, 78.653, 26.920)
contains.

CIELCh(84, 24.034, 24.992)	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, 24.034, 24.992)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2BF
RGB	255, 194, 191
RGB Percent	100%, 76%, 75%
CMY	0.0000, 0.2377, 0.2496
CMYK	0.00, 0.24, 0.25, 0.00
HSL	3°, 100%, 88%
HSV	3°, 25%, 100%
XYZ	70.5992, 64.0658, 58.1435
YIQ	211.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

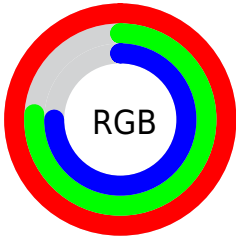
Format	Color
R _Y B	255, 194, 191
Decimal	16761535
CIE Lab	84.00, 21.78, 10.15
CIE LCh	84, 24.034, 24.992
Yxy	64.0658, 0.3662, 0.3323
Android (android.graphics.Color)	4294951615 (0xFFFFC2BF)
YUV	211.8970, -10.3022, 37.8013
Hunter-Lab	80.0411, 17.3717, 12.9593

Details

The CIELCh color **84, 24.034, 24.992** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 19.723, 202.747**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.456, 74.858**, and **64, 23.527, 24.417** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.172, 26.061**, and if you desaturate by 10%, it is **90, 13.494, 24.277**.

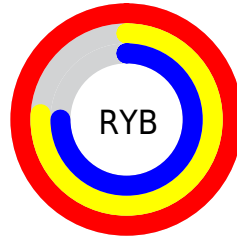
Distribution



Red (100%)

Green (76%)

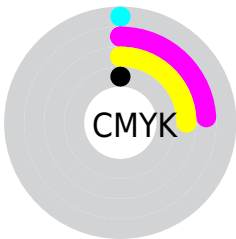
Blue (75%)



Red (100%)

Yellow (76%)

Blue (75%)

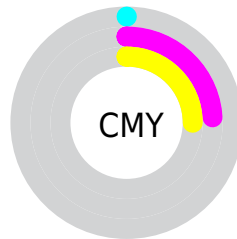


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.034, 24.992 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, 24.034, 24.992 by changing the saturation by 10% instead.

 84, 24.034, 24.992

 84, 24.034, 24.992

 100, 24.034,
24.992

 74, 24.034, 24.992

 64, 24.034, 24.992

 54, 24.034, 24.992

 44, 24.034, 24.992

 34, 24.034, 24.992

 24, 24.034, 24.992

 14, 24.034, 24.992

 4, 24.034, 24.992

 0, 24.034, 24.992

84, 24.034, 24.992

84, 24.034, 24.992

78, 34.172, 26.061

90, 13.494, 24.277

72, 45.591, 27.409

97, 4.293, 23.617

67, 57.553, 29.182

100, 0.012,
296.813

62, 69.783, 31.455

58, 81.839, 34.215

56, 92.919, 37.182

54, 101.265,
39.513

54, 104.005,
40.336

Harmonies

Complementary

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



84, 24.034, 24.992



95, 19.723, 202.747

Rectangle

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



84, 24.034, 24.992



84, 24.034, 74.992



84, 24.034, 204.992



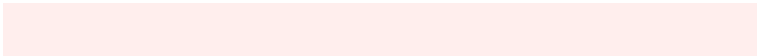
84, 24.034, 254.992

Sweetspot

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



84, 23.453, 25.046



95, 6.113, 23.764



85, 39.021, 326.736



50, 3.982, 23.803



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, 23.453, 25.046



81, 28.767, 25.522



91, 21.006, 75.719



50, 5.016, 23.925



40, 83.580, 40.478



10, 32.420, 29.492

Inverse Universe

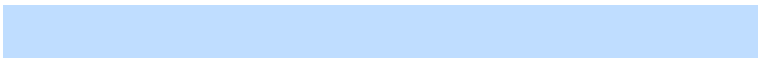
The Inverse Universe completely reimagines the original color for something new.



95, 19.723, 202.747



94, 23.254, 202.629



87, 19.897, 262.792



52, 4.716, 203.268



68, 37.880, 204.242



23, 17.549, 203.237

Previews

White Background



This preview shows how the CIELCh color 84, 24.034, 24.992 looks on a white background.

Color Contrast Check

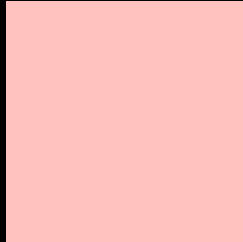
Large Text (above 18pt) WCAG AA × Fail

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, 24.034, 24.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

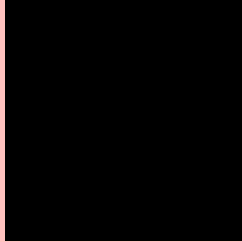
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.034, 24.992

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.034, 24.992.

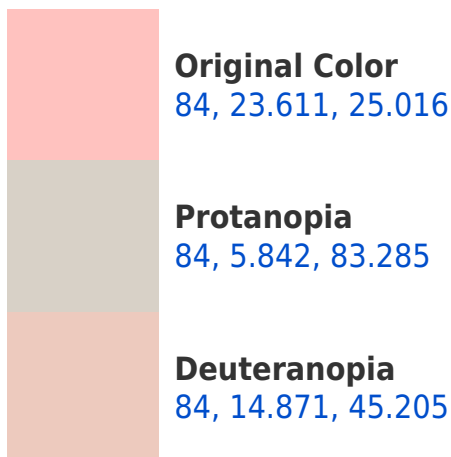


This preview shows how white text looks on a background with the CIELCh color 84, 24.034, 24.992.

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, 23.611, 25.016

Protanomaly
84, 10.687, 43.093

Deuteranomaly
84, 18.005, 35.742

Tritanomaly
84, 23.347, 12.322

Monochromacy



Original Color
84, 23.611, 25.016

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.240, 27.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.034, 24.992 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, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 191)  
}
```

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, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.034, 24.992 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, 194, 191) }
```

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

```
.border{ border-color:rgb(255, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.034, 24.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 191) }
```

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

```
.background{ background-color: rgb(255,  
194, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor