

Converting Colors

CIELCh(90, 38.945, 23.486)

Have a look what the booklet for
CIELCh(90, 38.945, 23.486) contains.

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Color

CIELCh(85, 21.024, 23.821)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7C5
RGB	254, 199, 197
RGB Percent	100%, 78%, 77%
CMY	0.0037, 0.2192, 0.2270
CMYK	0.00, 0.22, 0.22, 0.00
HSL	2°, 97%, 88%
HSV	2°, 22%, 100%
XYZ	71.4255, 66.0070, 61.8613
YIQ	215.2170, 33.4220, 11.0380

Conversions

Conversions Part 2

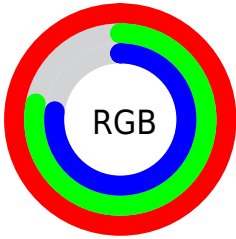
Format	Color
RYB	254, 199, 197
Decimal	16697285
CIELab	85.00, 19.23, 8.49
CIELCh	85, 21.024, 23.821
Yxy	66.0070, 0.3584, 0.3312
Android (android.graphics.Color)	4294887365 (0xFFFE7C5)
YUV	215.2170, -8.9810, 34.0127
Hunter-Lab	81.2447, 14.7483, 11.7268

Details

The CIELCh color **85, 21.024, 23.821** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 18.039, 201.593**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **65, 20.844, 24.425** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.624, 24.831**, and if you desaturate by 10%, it is **91, 11.180, 23.055**.

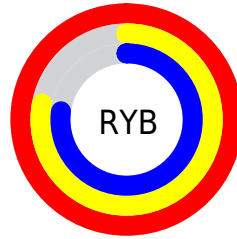
Distribution



Red (100%)

Green (78%)

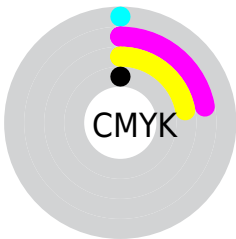
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

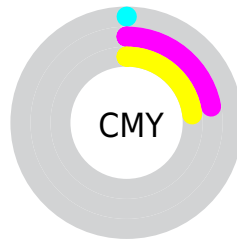


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.024, 23.821 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 85, 21.024, 23.821 by changing the saturation by 10% instead.

 85, 21.024, 23.821

 85, 21.024, 23.821

 100, 21.024,
23.821

 75, 21.024, 23.821

 65, 21.024, 23.821

 55, 21.024, 23.821

 45, 21.024, 23.821

 35, 21.024, 23.821

 25, 21.024, 23.821

 15, 21.024, 23.821

 5, 21.024, 23.821

 0, 21.024, 23.821

85, 21.024, 23.821

85, 21.024, 23.821

79, 31.624, 24.831

91, 11.180, 23.055

73, 42.934, 26.157

98, 2.088, 22.237

67, 54.810, 27.903

100, 0.331,
201.386

63, 66.994, 30.157

59, 79.083, 32.944

56, 90.407, 36.075

54, 99.537, 38.854

53, 103.859,
40.247

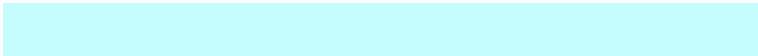
Harmonies

Complementary

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



85, 21.024, 23.821



95, 18.039, 201.593

Rectangle

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



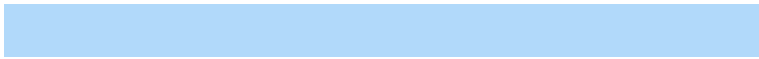
85, 21.024, 23.821



85, 21.024, 73.821



85, 21.024, 203.821



85, 21.024, 253.821

Sweetspot

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



85, 21.022, 23.828



95, 6.186, 22.684



86, 34.946, 326.593



50, 4.029, 22.727



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 21.022, 23.828



82, 25.870, 24.254



92, 18.708, 76.052



50, 5.075, 22.856



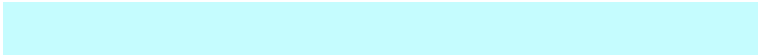
40, 83.746, 40.354



10, 32.656, 28.890

Inverse Universe

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



95, 18.039, 201.593



95, 21.435, 201.446



88, 17.830, 262.325



52, 4.773, 202.112



68, 38.465, 202.095



23, 17.793, 201.376

Previews

White Background



This preview shows how the CIELCh color 85, 21.024, 23.821 looks on a white background.

Color Contrast Check

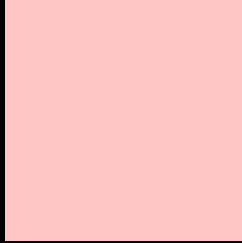
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.024, 23.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

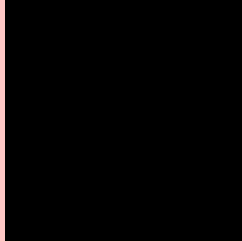
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.024, 23.821

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.024, 23.821.

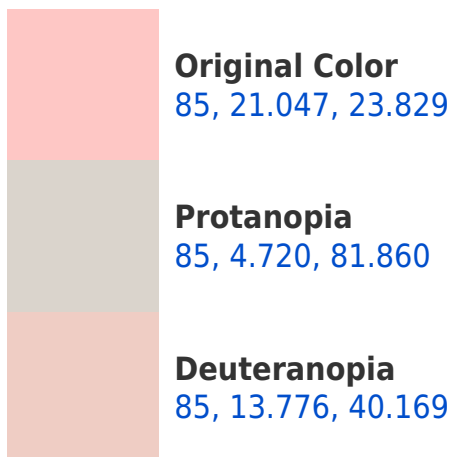


This preview shows how white text looks on a background with the CIELCh color 85, 21.024, 23.821.

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
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.047, 23.829

Protanomaly
85, 9.522, 39.191

Deuteranomaly
85, 16.074, 33.606

Tritanomaly
85, 21.849, 8.789

Monochromacy



Original Color
85, 21.047, 23.829

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.402, 23.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.024, 23.821 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, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 197)  
}
```

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, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.024, 23.821 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, 199, 197) }
```

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

```
.border{ border-color:rgb(254, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.024, 23.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 197) }
```

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

```
.background{ background-color: rgb(254,  
199, 197) }
```

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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