

Converting Colors

CIELCh(85, 21.705, 43.242)

Have a look what the booklet for
CIELCh(85, 21.705, 43.242) contains.

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Color

CIELCh(85, 21.705, 43.242)

Conversions

Conversions Part 1

Format	Color
Hex	FCC9B9
RGB	252, 201, 185
RGB Percent	99%, 79%, 73%
CMY	0.0116, 0.2115, 0.2743
CMYK	0.00, 0.20, 0.27, 0.01
HSL	14°, 92%, 86%
HSV	14°, 27%, 99%
XYZ	69.8247, 66.0070, 54.9867
YIQ	214.4250, 35.5320, 5.8360

Conversions

Conversions Part 2

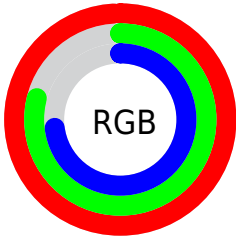
Format	Color
R _Y B	252, 206, 185
Decimal	16566713
CIE Lab	85.00, 15.81, 14.87
CIE LCh	85, 21.705, 43.242
Yxy	66.0070, 0.3659, 0.3459
Android (android.graphics.Color)	4294756793 (0xFFFC9B9)
YUV	214.4250, -14.5065, 32.9533
Hunter-Lab	81.2447, 11.2313, 16.7436

Details

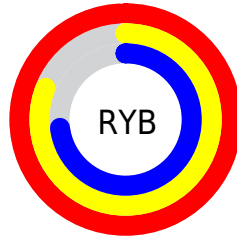
The CIELCh color **85, 21.705, 43.242** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **cherry blossom color (sakura-iro)**. A complement of this color would be **90, 18.199, 225.806**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **65, 21.498, 43.510** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.138, 43.170**, and if you desaturate by 10%, it is **90, 12.991, 43.451**.

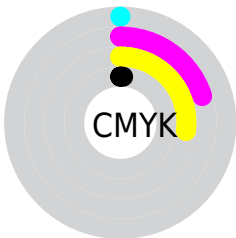
Distribution



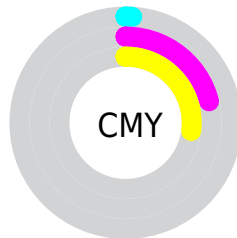
- Red (99%)
- Green (79%)
- Blue (73%)



- Red (99%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.705, 43.242 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, 21.705, 43.242 by changing the saturation by 10% instead.

 85, 21.705, 43.242

 85, 21.705, 43.242

 100, 21.705,
43.242

 75, 21.705, 43.242

 65, 21.705, 43.242

 55, 21.705, 43.242

 45, 21.705, 43.242

 35, 21.705, 43.242

 25, 21.705, 43.242

 15, 21.705, 43.242

 5, 21.705, 43.242

 0, 21.705, 43.242

85, 21.705, 43.242

85, 21.705, 43.242

80, 31.138, 43.170

90, 12.991, 43.451

75, 41.312, 43.250

95, 4.951, 43.695

71, 52.191, 43.516

100, 1.024,
199.988

66, 63.631, 43.965

63, 75.269, 44.515

59, 86.264, 44.898

57, 94.910, 44.500

56, 97.327, 44.298

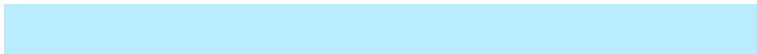
Harmonies

Complementary

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



85, 21.705, 43.242



90, 18.199, 225.806

Rectangle

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



85, 21.705, 43.242



85, 21.705, 93.242



85, 21.705, 223.242



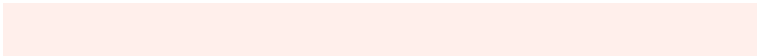
85, 21.705, 273.242

Sweetspot

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



85, 21.704, 43.250



96, 6.109, 43.667



83, 35.875, 333.496



50, 4.368, 43.632



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, 21.704, 43.250



83, 26.978, 43.189



93, 26.126, 92.794



49, 4.296, 43.632



42, 77.810, 44.783



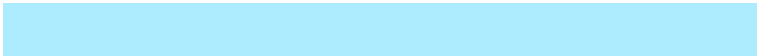
11, 28.167, 38.951

Inverse Universe

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



90, 18.199, 225.806



90, 21.699, 226.346



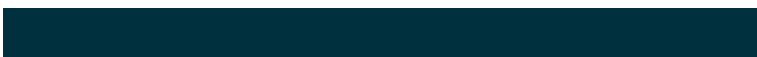
82, 26.497, 279.977



51, 4.058, 224.619



56, 36.074, 243.998



17, 15.932, 237.546

Previews

White Background



This preview shows how the CIELCh color 85, 21.705, 43.242 looks on a white background.

Color Contrast Check

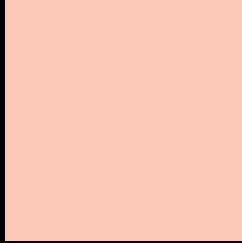
Large Text (above 18pt) WCAG AA × Fail

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, 21.705, 43.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

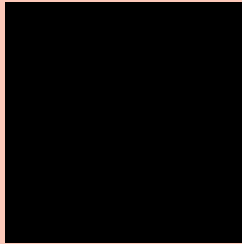
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.705, 43.242

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.705, 43.242.



This preview shows how white text looks on a background with the CIELCh color 85, 21.705, 43.242.

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

85, 21.705, 43.242

Protanopia

85, 11.498, 92.010

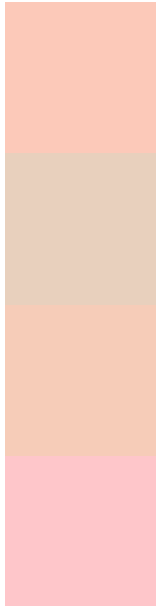
Deuteranopia

85, 18.522, 56.395



Tritanopia
85, 22.877, 1.299

Trichromacy



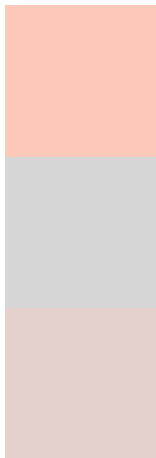
Original Color
85, 21.705, 43.242

Protanomaly
85, 13.576, 66.746

Deuteranomaly
85, 19.541, 52.537

Tritanomaly
85, 21.269, 15.472

Monochromacy



Original Color
85, 21.705, 43.242

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.734, 43.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.705, 43.242 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(252, 201, 185)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 185)  
}
```

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(252, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.705, 43.242 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(252, 201, 185) }
```

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

```
.border{ border-color:rgb(252, 201, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 185);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.705, 43.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 185) }
```

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

```
.background{ background-color: rgb(252,  
201, 185) }
```

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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