

Converting Colors

CIELCh(85, 21.736, 47.625)

Have a look what the booklet for
CIELCh(85, 21.736, 47.625) contains.

CIELCh(85, 21.736, 47.625)	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(85, 21.736, 47.625)

Conversions

Conversions Part 1

Format	Color
Hex	FBCAB7
RGB	251, 202, 183
RGB Percent	98%, 79%, 72%
CMY	0.0166, 0.2087, 0.2832
CMYK	0.00, 0.20, 0.27, 0.02
HSL	17°, 89%, 85%
HSV	17°, 27%, 98%
XYZ	69.2867, 66.0070, 53.7656
YIQ	214.4850, 35.3030, 4.4790

Conversions

Conversions Part 2

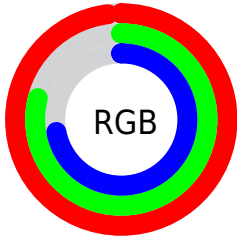
Format	Color
R _Y B	251, 209, 183
Decimal	16501431
CIE Lab	85.00, 14.65, 16.06
CIE LCh	85, 21.736, 47.625
Yxy	66.0070, 0.3665, 0.3491
Android (android.graphics.Color)	4294691511 (0xFFFB CAB7)
YUV	214.4850, -15.5221, 32.0237
Hunter-Lab	81.2447, 10.0492, 17.6347

Details

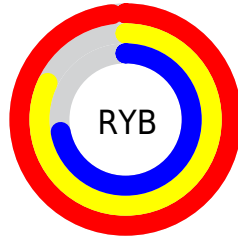
The CIELCh color **85, 21.736, 47.625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 18.345, 231.379**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **65, 21.546, 48.123** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.978, 47.311**, and if you desaturate by 10%, it is **90, 13.181, 48.053**.

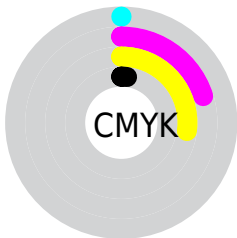
Distribution



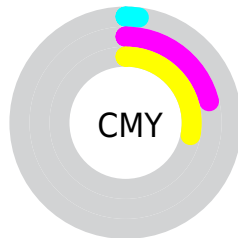
- Red (98%)
- Green (79%)
- Blue (72%)



- Red (98%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.736, 47.625 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, 21.736, 47.625 by changing the saturation by 10% instead.

 85, 21.736, 47.625

 85, 21.736, 47.625

 100, 21.736,
47.625

 75, 21.736, 47.625

 65, 21.736, 47.625

 55, 21.736, 47.625

 45, 21.736, 47.625

 35, 21.736, 47.625

 25, 21.736, 47.625

 15, 21.736, 47.625

 5, 21.736, 47.625

 0, 21.736, 47.625

85, 21.736, 47.625

85, 21.736, 47.625

80, 30.978, 47.311

90, 13.181, 48.053

76, 40.930, 47.116

95, 5.267, 48.503

71, 51.559, 47.066

100, 1.473,
199.762

67, 62.722, 47.143

64, 74.049, 47.256

60, 84.682, 47.127

58, 92.987, 46.190

57, 95.027, 45.892

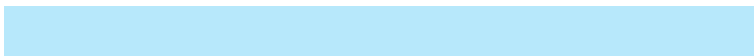
Harmonies

Complementary

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



85, 21.736, 47.625



89, 18.345, 231.379

Rectangle

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



85, 21.736, 47.625



85, 21.736, 97.625



85, 21.736, 227.625



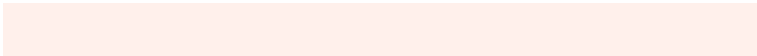
85, 21.736, 277.625

Sweetspot

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



85, 21.735, 47.633



96, 6.028, 48.467



82, 35.602, 334.856



50, 4.309, 48.402



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, 21.735, 47.633



83, 27.467, 47.428



93, 27.390, 95.046



50, 4.238, 48.403



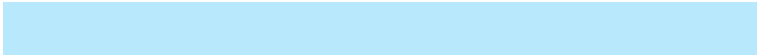
43, 76.256, 46.433



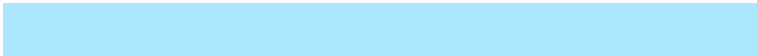
12, 27.597, 41.778

Inverse Universe

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



89, 18.345, 231.379



89, 22.209, 232.134



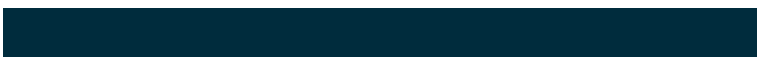
81, 28.035, 282.209



50, 4.017, 229.747



53, 37.890, 252.274



16, 16.412, 245.132

Previews

White Background



This preview shows how the CIELCh color 85, 21.736, 47.625 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 85, 21.736, 47.625 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, 21.736, 47.625

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.736, 47.625.



This preview shows how white text looks on a background with the CIELCh color 85, 21.736, 47.625.

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, 21.736, 47.625

Protanopia

85, 13.117, 92.235

Deuteranopia

85, 19.531, 58.012



Tritanopia
85, 22.674, 359.673

Trichromacy



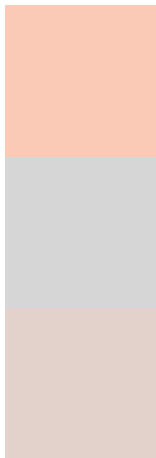
Original Color
85, 21.736, 47.625

Protanomaly
85, 14.807, 70.616

Deuteranomaly
85, 20.184, 54.878

Tritanomaly
85, 20.472, 16.635

Monochromacy



Original Color
85, 21.736, 47.625

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.300, 49.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.736, 47.625 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(251, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(251, 202, 183)  
}
```

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(251, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 202, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.736, 47.625 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(251, 202, 183) }
```

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

```
.border{ border-color:rgb(251, 202, 183) }
```

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

Here you see how a box with a 4 pixel rgb(251, 202, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(251, 202,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.736, 47.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 202, 183) }
```

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

```
.background{ background-color: rgb(251,  
202, 183) }
```

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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