

Converting Colors

CIELCh(85, 22.076, 42.864)

Have a look what the booklet for
CIELCh(85, 22.076, 42.864) contains.

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Color

CIELCh(85, 22.076, 42.864)

Conversions

Conversions Part 1

Format	Color
Hex	FDC9B9
RGB	253, 201, 185
RGB Percent	99%, 79%, 73%
CMY	0.0087, 0.2126, 0.2753
CMYK	0.00, 0.21, 0.27, 0.01
HSL	14°, 94%, 86%
HSV	14°, 27%, 99%
XYZ	69.9965, 66.0070, 54.8338
YIQ	214.7240, 36.1280, 6.0480

Conversions

Conversions Part 2

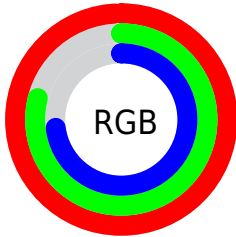
Format	Color
R _Y B	253, 206, 185
Decimal	16632249
CIE Lab	85.00, 16.18, 15.02
CIE LCh	85, 22.076, 42.864
Yxy	66.0070, 0.3668, 0.3459
Android (android.graphics.Color)	4294822329 (0xFFFDC9B9)
YUV	214.7240, -14.6539, 33.5681
Hunter-Lab	81.2447, 11.6087, 16.8552

Details

The CIELCh color **85, 22.076, 42.864** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 18.452, 225.362**, 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, 21.896, 43.109** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.572, 42.819**, and if you desaturate by 10%, it is **90, 13.304, 43.050**.

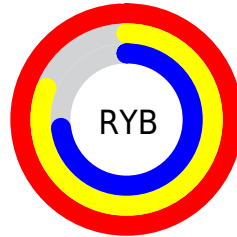
Distribution



Red (99%)

Green (79%)

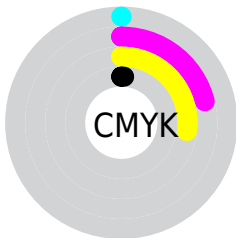
Blue (73%)



Red (99%)

Yellow (81%)

Blue (73%)

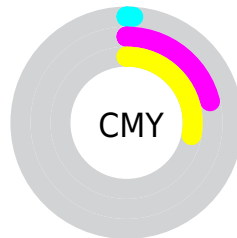


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.076, 42.864 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, 22.076, 42.864 by changing the saturation by 10% instead.

 85, 22.076, 42.864

 85, 22.076, 42.864

 100, 22.076,
42.864

 75, 22.076, 42.864

 65, 22.076, 42.864

 55, 22.076, 42.864

 45, 22.076, 42.864

 35, 22.076, 42.864

 25, 22.076, 42.864

 15, 22.076, 42.864

 5, 22.076, 42.864

 0, 22.076, 42.864

85, 22.076, 42.864

85, 22.076, 42.864

80, 31.572, 42.819

90, 13.304, 43.050

75, 41.814, 42.929

96, 5.212, 43.278

71, 52.760, 43.230

100, 0.774,
200.212

66, 64.260, 43.718

63, 75.940, 44.307

59, 86.934, 44.720

57, 95.503, 44.334

56, 97.700, 44.170

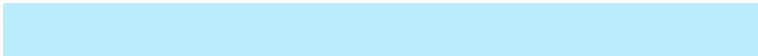
Harmonies

Complementary

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



85, 22.076, 42.864



91, 18.452, 225.362

Rectangle

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



85, 22.076, 42.864



85, 22.076, 92.864



85, 22.076, 222.864



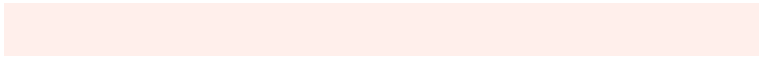
85, 22.076, 272.864

Sweetspot

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



85, 22.075, 42.872



96, 6.119, 43.258



83, 36.379, 333.519



50, 4.375, 43.225



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, 22.075, 42.872



83, 27.024, 42.826



93, 26.498, 92.754



50, 4.375, 43.225



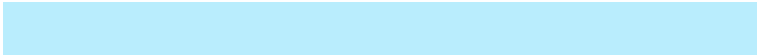
43, 78.748, 44.627



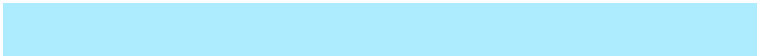
12, 29.461, 39.311

Inverse Universe

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



91, 18.452, 225.362



90, 21.716, 225.861



82, 26.880, 280.033



52, 4.130, 224.181



56, 36.320, 243.301



18, 16.347, 237.213

Previews

White Background



This preview shows how the CIELCh color 85, 22.076, 42.864 looks on a white background.

Color Contrast Check

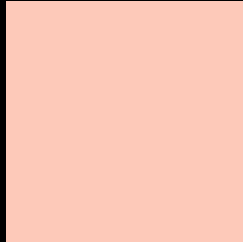
Large Text (above 18pt) WCAG AA × Fail

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, 22.076, 42.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

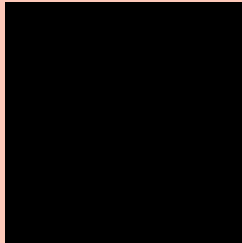
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.076, 42.864

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.076, 42.864.

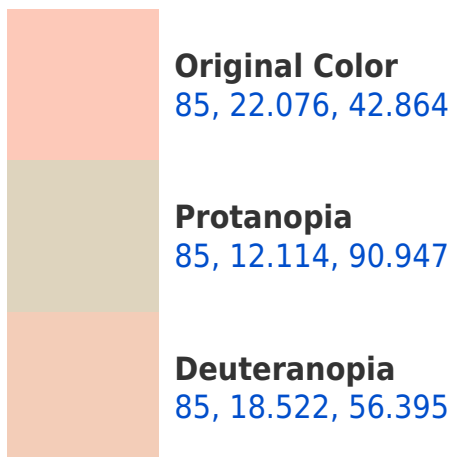


This preview shows how white text looks on a background with the CIELCh color 85, 22.076, 42.864.

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](#).

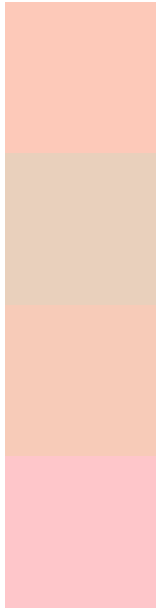
Dichromacy





Tritanopia
85, 22.877, 1.299

Trichromacy



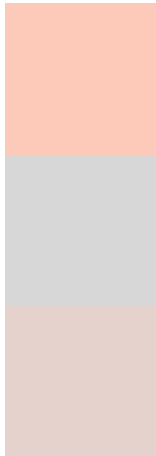
Original Color
85, 22.076, 42.864

Protanomaly
85, 14.241, 66.949

Deuteranomaly
85, 19.945, 50.156

Tritanomaly
85, 21.269, 15.472

Monochromacy



Original Color
85, 22.076, 42.864

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.726, 43.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.076, 42.864 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(253, 201, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.076, 42.864 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(253, 201, 185) }
```

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

```
.border{ border-color:rgb(253, 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(253, 201, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 185);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.076, 42.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 185) }
```

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

```
.background{ background-color: rgb(253,  
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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