

Converting Colors

CIE LCh(86, 19.540, 22.290)

Have a look what the booklet for
CIELCh(86, 19.540, 22.290) contains.

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Color

CIELCh(86, 19.336, 22.389)

Conversions

Conversions Part 1

Format	Color
Hex	FECBCA
RGB	254, 203, 202
RGB Percent	100%, 80%, 79%
CMY	0.0043, 0.2042, 0.2082
CMYK	0.00, 0.20, 0.20, 0.00
HSL	1°, 96%, 89%
HSV	1°, 20%, 100%
XYZ	72.8278, 67.9871, 65.1100
YIQ	218.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

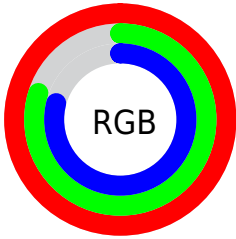
Format	Color
R _Y B	254, 203, 202
Decimal	16698314
CIE Lab	86.00, 17.88, 7.36
CIE LCh	86, 19.336, 22.389
Yxy	67.9871, 0.3537, 0.3302
Android (android.graphics.Color)	4294888394 (0xFFFEBCA)
YUV	218.1350, -7.9546, 31.4536
Hunter-Lab	82.4543, 13.3653, 10.8997

Details

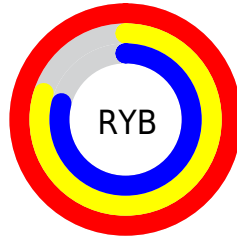
The CIELCh color **86, 19.336, 22.389** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.848, 200.147**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 19.400, 22.860** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.925, 23.420**, and if you desaturate by 10%, it is **93, 9.502, 21.593**.

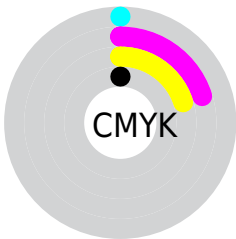
Distribution



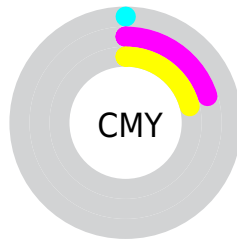
- Red (100%)
- Green (80%)
- Blue (79%)



- Red (100%)
- Yellow (80%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.336, 22.389 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 86, 19.336, 22.389 by changing the saturation by 10% instead.

 86, 19.336, 22.389

 86, 19.336, 22.389

 100, 19.336,
22.389

 76, 19.336, 22.389

 66, 19.336, 22.389

 56, 19.336, 22.389

 46, 19.336, 22.389

 36, 19.336, 22.389

 26, 19.336, 22.389

 16, 19.336, 22.389

 6, 19.336, 22.389

 0, 19.336, 22.389

86, 19.336, 22.389

86, 19.336, 22.389

80, 29.925, 23.420

93, 9.502, 21.593

74, 41.226, 24.764

99, 0.417, 19.487

68, 53.097, 26.528

100, 0.378,
201.136

63, 65.281, 28.816

59, 77.389, 31.678

56, 88.822, 34.983

54, 98.375, 38.136

53, 104.005,
40.136

Harmonies

Complementary

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



86, 19.336, 22.389



96, 16.848, 200.147

Rectangle

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



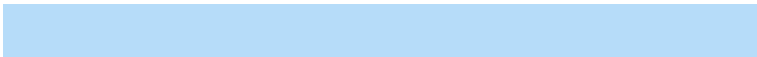
86, 19.336, 22.389



86, 19.336, 72.389



86, 19.336, 202.389



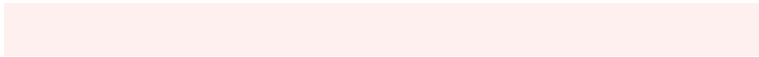
86, 19.336, 252.389

Sweetspot

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



86, 19.334, 22.396



96, 5.363, 21.257



87, 32.270, 326.018



51, 3.567, 21.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

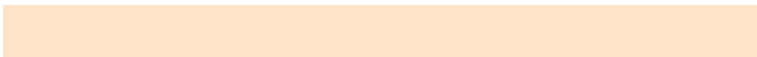
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 19.334, 22.396



83, 24.115, 22.827



92, 16.836, 74.596



50, 5.154, 21.522



40, 83.962, 40.194



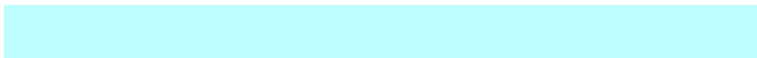
10, 32.968, 28.118

Inverse Universe

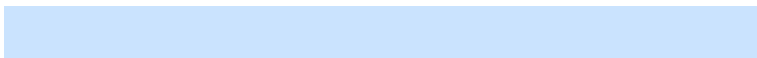
The Inverse Universe completely reimagines the original color for something new.



96, 16.848, 200.147



96, 20.318, 199.963



89, 16.031, 260.227



52, 4.849, 200.668



69, 39.279, 199.451



23, 18.128, 199.073

Previews

White Background



This preview shows how the CIELCh color 86, 19.336, 22.389 looks on a white background.

Color Contrast Check

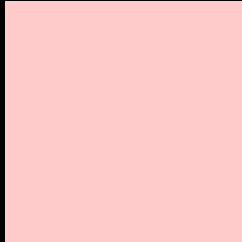
Large Text (above 18pt) WCAG AA × Fail

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 86, 19.336, 22.389 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

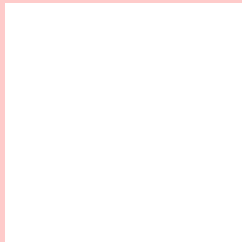
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.336, 22.389

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.336, 22.389.

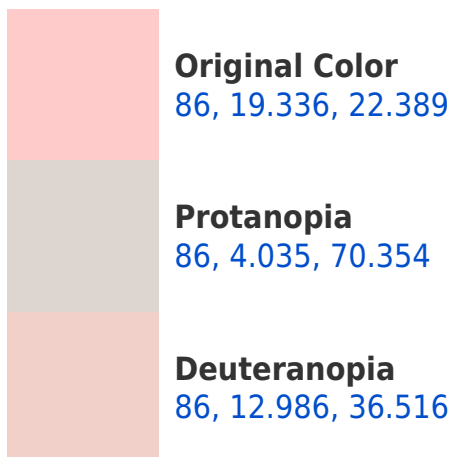


This preview shows how white text looks on a background with the CIELCh color 86, 19.336, 22.389.

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
86, 21.389, 359.723

Trichromacy



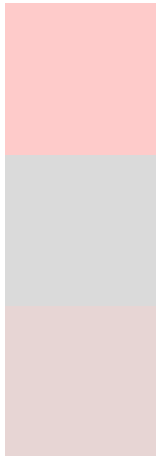
Original Color
86, 19.336, 22.389

Protanomaly
86, 8.799, 33.653

Deuteranomaly
86, 15.368, 30.201

Tritanomaly
86, 20.280, 7.678

Monochromacy



Original Color
86, 19.336, 22.389

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.629, 24.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.336, 22.389 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, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 202)  
}
```

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, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.336, 22.389 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, 203, 202) }
```

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

```
.border{ border-color:rgb(254, 203, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.336, 22.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 202) }
```

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

```
.background{ background-color: rgb(254,  
203, 202) }
```

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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