

Converting Colors

CIELCh(88, 30.111, 32.623)

Have a look what the booklet for
CIELCh(88, 30.111, 32.623) contains.

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Color

CIELCh(86, 21.359, 36.327)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC0
RGB	255, 203, 192
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.2038, 0.2471
CMYK	0.00, 0.20, 0.25, 0.00
HSL	10°, 100%, 88%
HSV	10°, 25%, 100%
XYZ	72.5081, 67.9871, 59.1703
YIQ	217.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

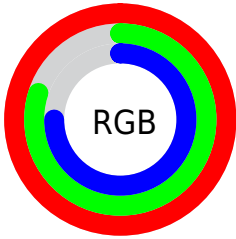
Format	Color
R _Y B	255, 205, 192
Decimal	16763840
CIE Lab	86.00, 17.21, 12.65
CIE LCh	86, 21.359, 36.327
Yxy	67.9871, 0.3631, 0.3405
Android (android.graphics.Color)	4294953920 (0xFFFFCBC0)
YUV	217.2940, -12.4699, 33.0682
Hunter-Lab	82.4543, 12.6731, 15.1707

Details

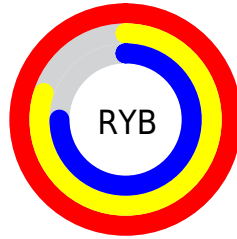
The CIELCh color **86, 21.359, 36.327** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 17.650, 217.327**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **66, 20.652, 36.479** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.700, 36.905**, and if you desaturate by 10%, it is **92, 11.953, 36.488**.

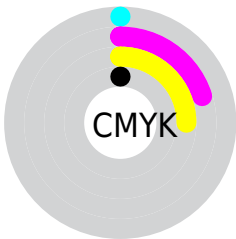
Distribution



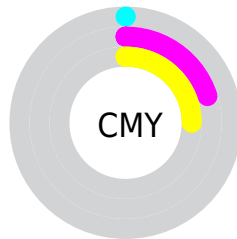
- Red (100%)
- Green (80%)
- Blue (75%)



- Red (100%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.359, 36.327 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, 21.359, 36.327 by changing the saturation by 10% instead.

 86, 21.359, 36.327

 86, 21.359, 36.327

 100, 21.359,
36.327

 76, 21.359, 36.327

 66, 21.359, 36.327

 56, 21.359, 36.327

 46, 21.359, 36.327

 36, 21.359, 36.327

 26, 21.359, 36.327

 16, 21.359, 36.327

 6, 21.359, 36.327

 0, 21.359, 36.327

86, 21.359, 36.327

86, 21.359, 36.327

80, 30.700, 36.905

92, 11.953, 36.488

75, 41.220, 37.398

97, 3.668, 36.385

70, 52.460, 38.145

100, 0.012,
296.813

66, 64.273, 39.168

62, 76.319, 40.422

59, 87.844, 41.679

56, 97.197, 42.319

55, 100.840,
42.360

Harmonies

Complementary

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



86, 21.359, 36.327



93, 17.650, 217.327

Rectangle

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



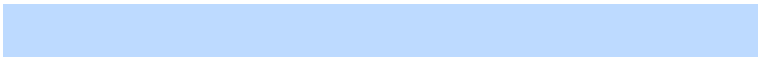
86, 21.359, 36.327



86, 21.359, 86.327



86, 21.359, 216.327



86, 21.359, 266.327

Sweetspot

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



86, 20.948, 36.620



96, 5.509, 36.431



85, 35.255, 330.924



51, 3.589, 36.438



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, 20.948, 36.620



83, 26.015, 36.748



93, 23.028, 87.934



50, 4.521, 36.454



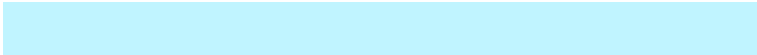
42, 80.796, 42.726



11, 30.349, 35.793

Inverse Universe

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



93, 17.650, 217.327



92, 21.018, 217.602



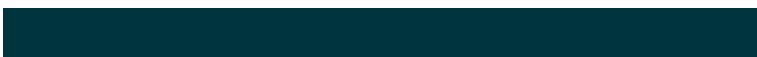
85, 22.900, 274.829



52, 4.254, 216.857



60, 35.103, 230.166



20, 16.141, 225.575

Previews

White Background



This preview shows how the CIELCh color 86, 21.359, 36.327 looks on a white background.

Color Contrast Check

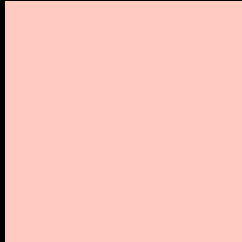
Large Text (above 18pt) WCAG AA × Fail

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, 21.359, 36.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

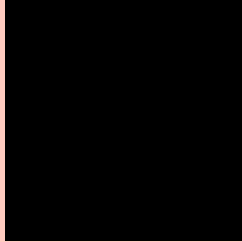
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.359, 36.327

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.359, 36.327.

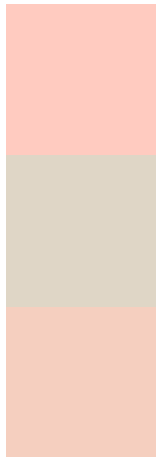


This preview shows how white text looks on a background with the CIELCh color 86, 21.359, 36.327.

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

86, 20.953, 36.591

Protanopia

86, 9.001, 87.490

Deuteranopia

86, 16.912, 49.738



Tritanopia
86, 21.238, 1.054

Trichromacy



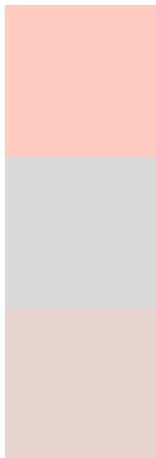
Original Color
86, 20.953, 36.591

Protanomaly
86, 11.990, 57.374

Deuteranomaly
86, 18.420, 45.465

Tritanomaly
86, 20.053, 13.531

Monochromacy



Original Color
86, 20.953, 36.591

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.325, 36.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.359, 36.327 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(255, 203, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 192)  
}
```

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(255, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.359, 36.327 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(255, 203, 192) }
```

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

```
.border{ border-color:rgb(255, 203, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.359, 36.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 192) }
```

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

```
.background{ background-color: rgb(255,  
203, 192) }
```

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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