

Converting Colors

CIELCh(91, 38.155, 28.804)

Have a look what the booklet for
CIELCh(91, 38.155, 28.804) contains.

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Color

CIELCh(86, 20.039, 32.728)

Conversions

Conversions Part 1

Format	Color
Hex	FECBC3
RGB	254, 203, 195
RGB Percent	100%, 80%, 76%
CMY	0.0026, 0.2024, 0.2338
CMYK	0.00, 0.20, 0.23, 0.00
HSL	8°, 98%, 88%
HSV	8°, 23%, 100%
XYZ	72.3415, 67.9871, 61.1706
YIQ	217.3370, 32.9640, 8.3240

Conversions

Conversions Part 2

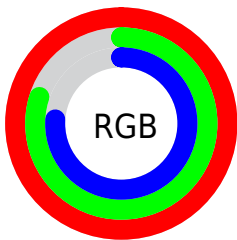
Format	Color
RYB	254, 204, 195
Decimal	16698307
CIELab	86.00, 16.86, 10.83
CIELCh	86, 20.039, 32.728
Yxy	67.9871, 0.3590, 0.3374
Android (android.graphics.Color)	4294888387 (0xFFFEBC3)
YUV	217.3370, -11.0121, 32.1535
Hunter-Lab	82.4543, 12.3125, 13.7324

Details

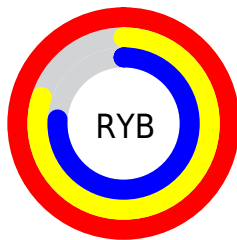
The CIELCh color **86, 20.039, 32.728** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 17.048, 212.487**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **66, 19.859, 33.846** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.915, 33.224**, and if you desaturate by 10%, it is **92, 10.922, 32.418**.

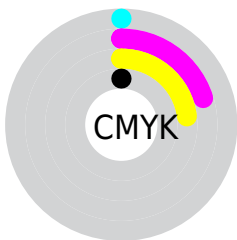
Distribution



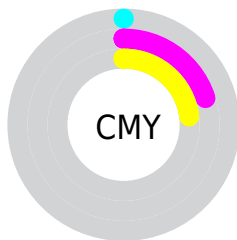
- Red (100%)
- Green (80%)
- Blue (76%)



- Red (100%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.039, 32.728 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, 20.039, 32.728 by changing the saturation by 10% instead.

 86, 20.039, 32.728

 86, 20.039, 32.728

 100, 20.039,
32.728

 76, 20.039, 32.728

 66, 20.039, 32.728

 56, 20.039, 32.728

 46, 20.039, 32.728

 36, 20.039, 32.728

 26, 20.039, 32.728

 16, 20.039, 32.728

 6, 20.039, 32.728

 0, 20.039, 32.728

86, 20.039, 32.728

86, 20.039, 32.728

80, 29.915, 33.224

92, 10.922, 32.418

75, 40.558, 33.946

98, 2.527, 32.067

70, 51.909, 34.960

100, 0.226,
202.329

65, 63.810, 36.311

61, 75.937, 37.978

58, 87.607, 39.771

55, 97.309, 41.100

54, 101.928,
41.503

Harmonies

Complementary

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



86, 20.039, 32.728



94, 17.048, 212.487

Rectangle

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



86, 20.039, 32.728



86, 20.039, 82.728



86, 20.039, 212.728



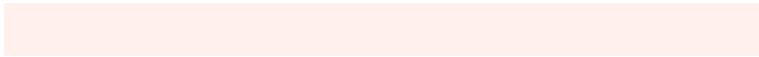
86, 20.039, 262.728

Sweetspot

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



86, 20.037, 32.736



96, 5.664, 32.255



86, 33.782, 329.698



51, 3.690, 32.273



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, 20.037, 32.736



83, 24.753, 32.946



93, 20.910, 85.341



50, 4.649, 32.324



41, 81.894, 41.797



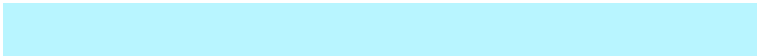
11, 30.922, 33.832

Inverse Universe

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



94, 17.048, 212.487



93, 20.273, 212.602



86, 20.596, 271.854



52, 4.370, 212.378



62, 35.235, 221.655



20, 16.328, 218.212

Previews

White Background



This preview shows how the CIELCh color 86, 20.039, 32.728 looks on a white background.

Color Contrast Check

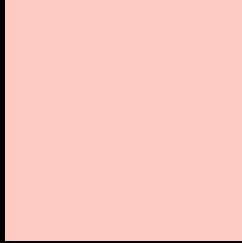
Large Text (above 18pt) WCAG AA × Fail

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, 20.039, 32.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

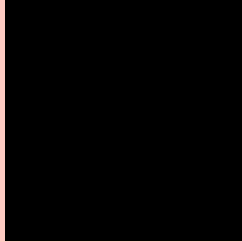
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.039, 32.728

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.039, 32.728.

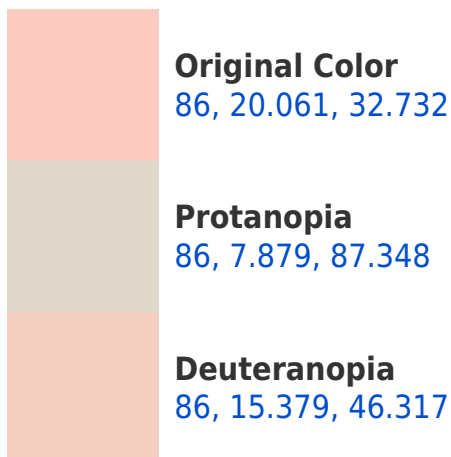


This preview shows how white text looks on a background with the CIELCh color 86, 20.039, 32.728.

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, 20.061, 32.732

Protanomaly
86, 10.703, 55.605

Deuteranomaly
86, 17.121, 39.962

Tritanomaly
86, 20.139, 10.588

Monochromacy



Original Color
86, 20.061, 32.732

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.810, 33.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.039, 32.728 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.039, 32.728 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, 195) }
```

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

```
.border{ border-color:rgb(254, 203, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.039, 32.728 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, 195) }
```

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

```
.background{ background-color: rgb(254,  
203, 195) }
```

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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