

Converting Colors

CIELCh(86, 20.546, 32.533)

Have a look what the booklet for
CIELCh(86, 20.546, 32.533) contains.

CIELCh(86, 20.448, 32.529)	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(86, 20.448, 32.529)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC3
RGB	255, 203, 195
RGB Percent	100%, 80%, 76%
CMY	0.0000, 0.2035, 0.2349
CMYK	0.00, 0.20, 0.23, 0.00
HSL	8°, 100%, 88%
HSV	8°, 23%, 100%
XYZ	72.5234, 67.9871, 60.9914
YIQ	217.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

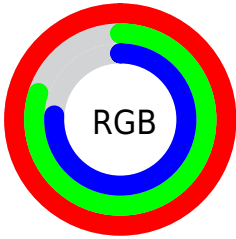
Format	Color
R _Y B	255, 204, 195
Decimal	16763843
CIE Lab	86.00, 17.24, 11.00
CIE LCh	86, 20.448, 32.529
Yxy	67.9871, 0.3599, 0.3374
Android (android.graphics.Color)	4294953923 (0xFFFFCBC3)
YUV	217.6360, -11.1595, 32.7682
Hunter-Lab	82.4543, 12.7063, 13.8612

Details

The CIELCh color **86, 20.448, 32.529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 17.316, 212.258**, 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, 20.271, 33.618** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.339, 33.065**, and if you desaturate by 10%, it is **92, 11.232, 32.227**.

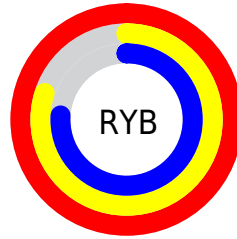
Distribution



Red (100%)

Green (80%)

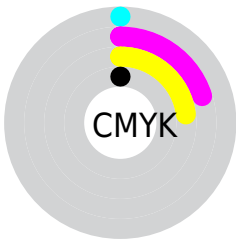
Blue (76%)



Red (100%)

Yellow (80%)

Blue (76%)

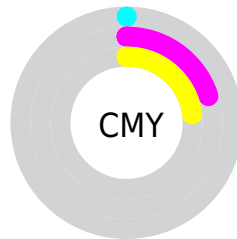


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.448, 32.529 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, 20.448, 32.529 by changing the saturation by 10% instead.

 86, 20.448, 32.529

 86, 20.448, 32.529

 100, 20.448,
32.529

 76, 20.448, 32.529

 66, 20.448, 32.529

 56, 20.448, 32.529

 46, 20.448, 32.529

 36, 20.448, 32.529

 26, 20.448, 32.529

 16, 20.448, 32.529

 6, 20.448, 32.529

 0, 20.448, 32.529

86, 20.448, 32.529

86, 20.448, 32.529

80, 30.339, 33.065

92, 11.232, 32.227

75, 41.042, 33.808

98, 2.786, 31.885

70, 52.448, 34.849

100, 0.012,
296.813

65, 64.396, 36.229

61, 76.551, 37.928

58, 88.209, 39.744

56, 97.819, 41.070

54, 102.187,
41.463

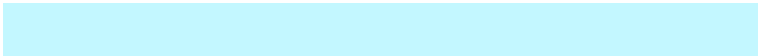
Harmonies

Complementary

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



86, 20.448, 32.529



94, 17.316, 212.258

Rectangle

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



86, 20.448, 32.529



86, 20.448, 82.529



86, 20.448, 212.529



86, 20.448, 262.529

Sweetspot

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



86, 20.403, 32.559



96, 5.673, 32.050



86, 34.302, 329.718



51, 3.695, 32.068



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, 20.403, 32.559



83, 24.790, 32.762



93, 21.240, 85.299



50, 4.656, 32.121



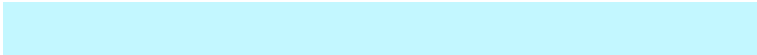
41, 81.944, 41.756



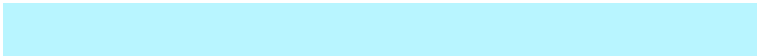
11, 30.952, 33.734

Inverse Universe

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



94, 17.316, 212.258



93, 20.302, 212.361



86, 20.917, 271.910



52, 4.376, 212.158



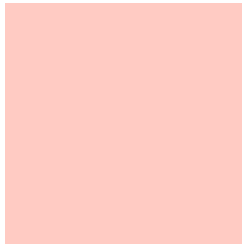
62, 35.260, 221.231



21, 16.344, 217.848

Previews

White Background



This preview shows how the CIELCh color 86, 20.448, 32.529 looks on a white background.

Color Contrast Check

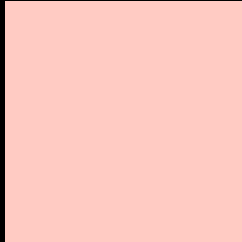
Large Text (above 18pt) WCAG AA × Fail

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, 20.448, 32.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

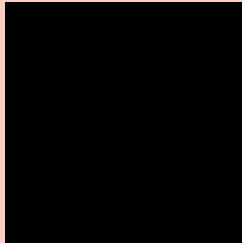
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.448, 32.529

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.448, 32.529.



This preview shows how white text looks on a background with the CIELCh color 86, 20.448, 32.529.

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, 20.448, 32.529

Protanopia

86, 7.879, 87.348

Deuteranopia

86, 15.644, 47.961



Tritanopia
86, 21.238, 1.054

Trichromacy



Original Color
86, 20.448, 32.529

Protanomaly
86, 11.017, 54.453

Deuteranomaly
86, 17.337, 41.528

Tritanomaly
86, 20.089, 12.056

Monochromacy



Original Color
86, 20.448, 32.529

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, 20.448, 32.529 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.448, 32.529 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, 195) }
```

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

```
.border{ border-color:rgb(255, 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(255, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.448, 32.529 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
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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