

Converting Colors

CIELCh(86, 27.425, 63.095)

Have a look what the booklet for
CIELCh(86, 27.425, 63.095) contains.

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Color

CIELCh(86, 27.425, 63.095)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEAA
RGB	255, 206, 170
RGB Percent	100%, 81%, 67%
CMY	0.0018, 0.1939, 0.3350
CMYK	0.00, 0.19, 0.33, 0.00
HSL	25°, 99%, 83%
HSV	25°, 33%, 100%
XYZ	70.2477, 67.9871, 47.2385
YIQ	216.5470, 40.7600, -0.8080

Conversions

Conversions Part 2

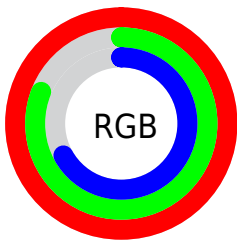
Format	Color
RYB	255, 232, 170
Decimal	16764586
CIELab	86.00, 12.41, 24.46
CIELCh	86, 27.425, 63.095
Yxy	67.9871, 0.3787, 0.3666
Android (android.graphics.Color)	4294954666 (0xFFFFCEAA)
YUV	216.5470, -22.9477, 33.7233
Hunter-Lab	82.4543, 7.7797, 23.7505

Details

The CIELCh color **86, 27.425, 63.095** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.818, 251.796**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **66, 27.299, 63.182** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.759, 62.068**, and if you desaturate by 10%, it is **90, 18.624, 64.159**.

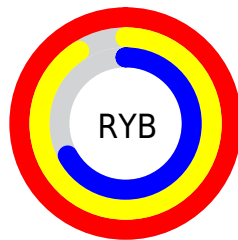
Distribution



Red (100%)

Green (81%)

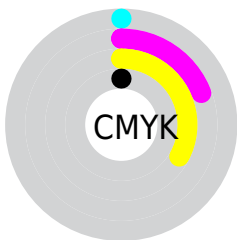
Blue (67%)



Red (100%)

Yellow (91%)

Blue (67%)

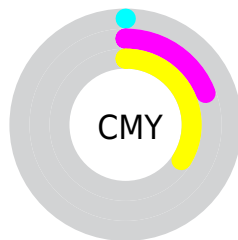


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.425, 63.095 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, 27.425, 63.095 by changing the saturation by 10% instead.

 86, 27.425, 63.095

 86, 27.425, 63.095

 100, 27.425,
63.095

 76, 27.425, 63.095

 66, 27.425, 63.095

 56, 27.425, 63.095

 46, 27.425, 63.095

 36, 27.425, 63.095

 26, 27.425, 63.095

 16, 27.425, 63.095

 6, 27.425, 63.095

 0, 27.425, 63.095

86, 27.425, 63.095

86, 27.425, 63.095

82, 36.759, 62.068

90, 18.624, 64.159

78, 46.602, 61.058

94, 10.339, 65.221

75, 56.836, 60.051

98, 2.531, 66.160

71, 67.158, 58.972

100, 0.163,
203.474

68, 76.902, 57.633

65, 84.850, 55.665

63, 88.789, 53.962

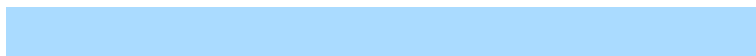
Harmonies

Complementary

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



86, 27.425, 63.095



85, 23.818, 251.796

Rectangle

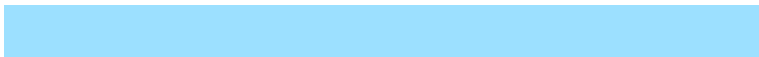
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 27.425, 63.095



86, 27.425, 113.095



86, 27.425, 243.095



86, 27.425, 293.095

Sweetspot

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



86, 27.425, 63.102



96, 7.662, 65.572



79, 40.082, 342.309



51, 5.250, 65.428



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, 27.425, 63.102



84, 33.597, 62.414



96, 39.353, 103.068



51, 4.350, 65.623



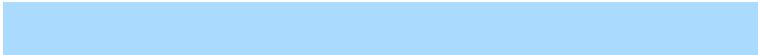
48, 71.238, 54.653



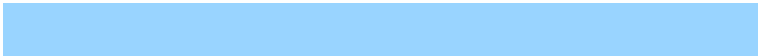
15, 27.288, 54.391

Inverse Universe

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



85, 23.818, 251.796



82, 28.250, 253.243



74, 42.160, 291.126



51, 4.203, 247.927



46, 49.896, 275.616



14, 20.714, 268.535

Previews

White Background



This preview shows how the CIELCh color 86, 27.425, 63.095 looks on a white background.

Color Contrast Check

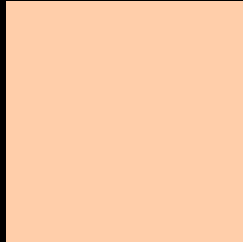
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 27.425, 63.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

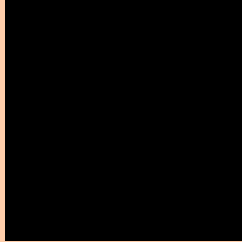
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.425, 63.095

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.425, 63.095.



This preview shows how white text looks on a background with the CIELCh color 86, 27.425, 63.095.

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, 27.425, 63.095

Protanopia

86, 21.962, 94.990

Deuteranopia

86, 27.031, 66.842



Tritanopia
86, 21.238, 1.054

Trichromacy



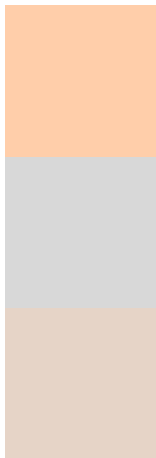
Original Color
86, 27.425, 63.095

Protanomaly
86, 23.329, 82.324

Deuteranomaly
86, 27.228, 64.947

Tritanomaly
86, 20.057, 28.277

Monochromacy



Original Color
86, 27.425, 63.095

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.582, 64.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.425, 63.095 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, 206, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 170)  
}
```

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, 206, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.425, 63.095 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, 206, 170) }
```

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

```
.border{ border-color:rgb(255, 206, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.425, 63.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 170) }
```

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

```
.background{ background-color: rgb(255,  
206, 170) }
```

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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