

Converting Colors

CIELCh(85, 37.436, 32.322)

Have a look what the booklet for
CIELCh(85, 37.436, 32.322) contains.

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Color

CIELCh(82, 27.165, 35.788)

Conversions

Conversions Part 1

Format	Color
Hex	FEBCAF
RGB	254, 188, 175
RGB Percent	100%, 74%, 69%
CMY	0.0031, 0.2617, 0.3126
CMYK	0.00, 0.26, 0.31, 0.00
HSL	10°, 98%, 84%
HSV	10°, 31%, 100%
XYZ	66.7569, 60.2982, 48.8229
YIQ	206.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

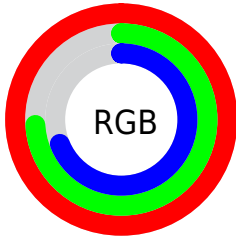
Format	Color
RYB	254, 191, 175
Decimal	16694447
CIELab	82.00, 22.04, 15.89
CIELCh	82, 27.165, 35.788
Yxy	60.2982, 0.3796, 0.3428
Android (android.graphics.Color)	4294884527 (0xFFFEBCAF)
YUV	206.2520, -15.4072, 41.8750
Hunter-Lab	77.6519, 17.5646, 17.0783

Details

The CIELCh color **82, 27.165, 35.788** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 21.738, 216.334**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 7.715, 78.552**, and **62, 27.276, 34.777** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.445, 36.273**, and if you desaturate by 10%, it is **88, 17.650, 35.513**.

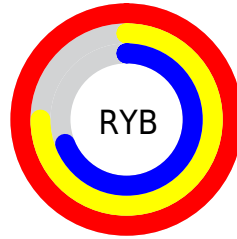
Distribution



Red (100%)

Green (74%)

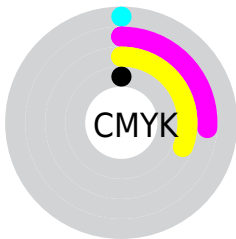
Blue (69%)



Red (100%)

Yellow (75%)

Blue (69%)

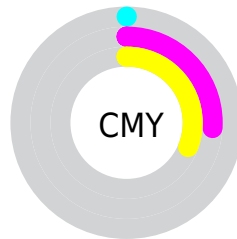


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.165, 35.788 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 82, 27.165, 35.788 by changing the saturation by 10% instead.

 82, 27.165, 35.788

 82, 27.165, 35.788

 100, 27.165,
35.788

 72, 27.165, 35.788

 62, 27.165, 35.788

 52, 27.165, 35.788

 42, 27.165, 35.788

 32, 27.165, 35.788

 22, 27.165, 35.788

 12, 27.165, 35.788

 2, 27.165, 35.788

 0, 27.165, 35.788

82, 27.165, 35.788

82, 27.165, 35.788

77, 37.445, 36.273

88, 17.650, 35.513

72, 48.468, 37.001

93, 8.882, 35.366

67, 60.123, 38.016

99, 0.807, 34.635

63, 72.150, 39.309

100, 0.273,
201.814

59, 83.986, 40.740

57, 94.367, 41.849

55, 100.962,
42.115

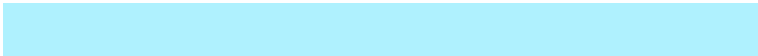
Harmonies

Complementary

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



82, 27.165, 35.788



91, 21.738, 216.334

Rectangle

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



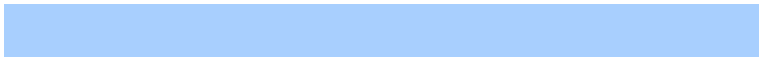
82, 27.165, 35.788



82, 27.165, 85.788



82, 27.165, 215.788



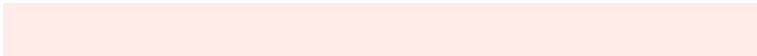
82, 27.165, 265.788

Sweetspot

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



82, 27.163, 35.794



95, 7.191, 35.342



81, 44.635, 330.756



50, 5.028, 35.359



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 27.163, 35.794



79, 33.274, 36.052



91, 28.653, 85.695



50, 4.553, 35.348



41, 81.104, 42.460



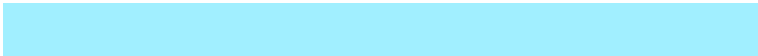
11, 30.498, 35.262

Inverse Universe

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



91, 21.738, 216.334



90, 25.325, 216.692



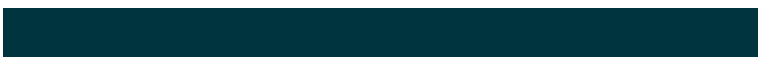
81, 28.268, 274.716



52, 4.282, 215.659



61, 35.069, 227.913



20, 16.167, 223.617

Previews

White Background



This preview shows how the CIELCh color 82, 27.165, 35.788 looks on a white background.

Color Contrast Check

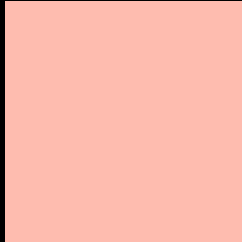
Large Text (above 18pt) WCAG AA × Fail

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 82, 27.165, 35.788 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 82, 27.165, 35.788

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.165, 35.788.

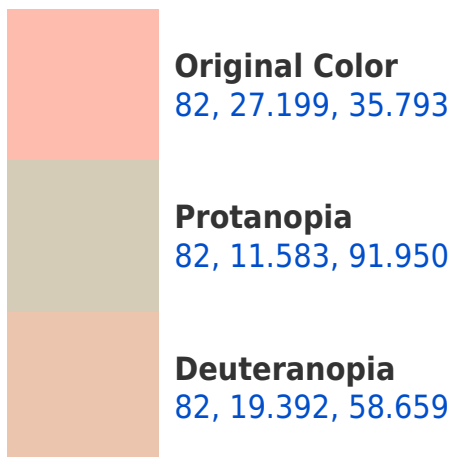



This preview shows how white text looks on a background with the CIELCh color 82, 27.165, 35.788.

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
82, 26.925, 7.091

Trichromacy



Original Color
82, 27.199, 35.793

Protanomaly
82, 15.087, 58.860

Deuteranomaly
82, 21.873, 49.203

Tritanomaly
82, 26.237, 18.153

Monochromacy



Original Color
82, 27.199, 35.793

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.415, 36.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.165, 35.788 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 175)  
}
```

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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.165, 35.788 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, 188, 175) }
```

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

```
.border{ border-color:rgb(254, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.165, 35.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 175) }
```

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

```
.background{ background-color: rgb(254,  
188, 175) }
```

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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