

Converting Colors

CIELCh(94, 68.491, 32.915)

Have a look what the booklet for
CIELCh(94, 68.491, 32.915) contains.

CIELCh(82, 28.565, 43.722)	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(82, 28.565, 43.722)

Conversions

Conversions Part 1

Format	Color
Hex	FEBDA8
RGB	254, 189, 168
RGB Percent	100%, 74%, 66%
CMY	0.0041, 0.2587, 0.3410
CMYK	0.00, 0.26, 0.34, 0.00
HSL	15°, 98%, 83%
HSV	15°, 34%, 100%
XYZ	66.1317, 60.2982, 45.2245
YIQ	206.0410, 45.4810, 7.2490

Conversions

Conversions Part 2

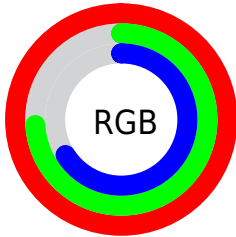
Format	Color
R _Y B	254, 196, 168
Decimal	16694696
CIE Lab	82.00, 20.64, 19.74
CIE LCh	82, 28.565, 43.722
Yxy	60.2982, 0.3853, 0.3513
Android (android.graphics.Color)	4294884776 (0xFFFEFDA8)
YUV	206.0410, -18.7542, 42.0600
Hunter-Lab	77.6519, 16.1274, 19.8259

Details

The CIELCh color **82, 28.565, 43.722** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 22.683, 227.297**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 11.780, 91.168**, and **62, 28.773, 43.044** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.567, 43.725**, and if you desaturate by 10%, it is **87, 19.301, 43.878**.

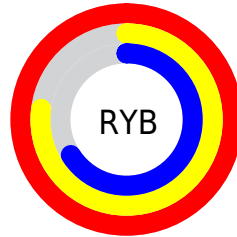
Distribution



Red (100%)

Green (74%)

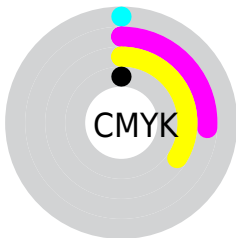
Blue (66%)



Red (100%)

Yellow (77%)

Blue (66%)

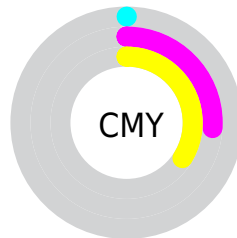


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.565, 43.722 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, 28.565, 43.722 by changing the saturation by 10% instead.

 82, 28.565, 43.722

 82, 28.565, 43.722

 100, 28.565,
43.722

 72, 28.565, 43.722

 62, 28.565, 43.722

 52, 28.565, 43.722

 42, 28.565, 43.722

 32, 28.565, 43.722

 22, 28.565, 43.722

 12, 28.565, 43.722

 2, 28.565, 43.722

 0, 28.565, 43.722

82, 28.565, 43.722

82, 28.565, 43.722

77, 38.567, 43.725

87, 19.301, 43.878

72, 49.295, 43.896

92, 10.750, 44.133

68, 60.642, 44.250

98, 2.855, 44.342

64, 72.321, 44.732

100, 0.364,
201.202

61, 83.659, 45.140

58, 93.199, 44.964

57, 97.650, 44.480

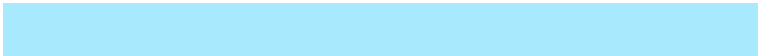
Harmonies

Complementary

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



82, 28.565, 43.722



89, 22.683, 227.297

Rectangle

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



82, 28.565, 43.722



82, 28.565, 93.722



82, 28.565, 223.722



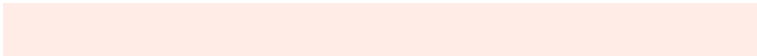
82, 28.565, 273.722

Sweetspot

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



82, 28.564, 43.728



95, 7.682, 44.242



79, 45.813, 334.024



50, 5.271, 44.202



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, 28.564, 43.728



79, 35.787, 43.709



92, 33.566, 91.850



50, 4.359, 44.256



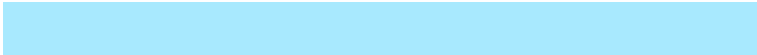
43, 78.417, 44.958



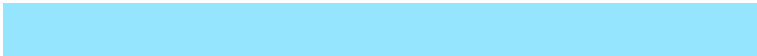
12, 29.332, 39.886

Inverse Universe

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



89, 22.683, 227.297



87, 26.809, 228.224



78, 34.227, 281.343



51, 4.118, 225.292



56, 36.645, 245.174



18, 16.430, 238.913

Previews

White Background



This preview shows how the CIELCh color 82, 28.565, 43.722 looks on a white background.

Color Contrast Check

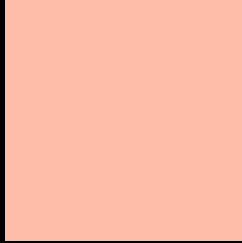
Large Text (above 18pt) WCAG AA × Fail

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, 28.565, 43.722 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, 28.565, 43.722

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.565, 43.722.



This preview shows how white text looks on a background with the CIELCh color 82, 28.565, 43.722.

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

82, 28.602, 43.720

Protanopia

82, 15.860, 93.233

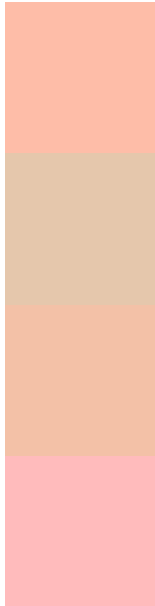
Deuteranopia

82, 22.583, 62.486



Tritanopia
82, 26.925, 7.091

Trichromacy



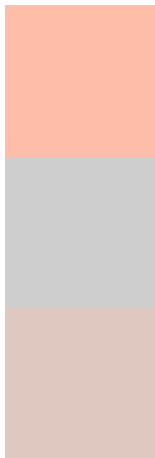
Original Color
82, 28.602, 43.720

Protanomaly
82, 18.595, 69.516

Deuteranomaly
82, 24.497, 54.324

Tritanomaly
82, 26.312, 20.422

Monochromacy



Original Color
82, 28.602, 43.720

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.676, 45.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.565, 43.722 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, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 168)  
}
```

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, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.565, 43.722 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, 189, 168) }
```

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

```
.border{ border-color:rgb(254, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.565, 43.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 168) }
```

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

```
.background{ background-color: rgb(254,  
189, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor