

Converting Colors

CIELCh(100, 87.033, 33.494)

Have a look what the booklet for
CIELCh(100, 87.033, 33.494)
contains.

CIELCh(82, 29.382, 46.341)	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, 29.382, 46.341)

Conversions

Conversions Part 1

Format	Color
Hex	FEBDA5
RGB	254, 189, 165
RGB Percent	100%, 74%, 65%
CMY	0.0034, 0.2580, 0.3521
CMYK	0.00, 0.26, 0.35, 0.00
HSL	16°, 98%, 82%
HSV	16°, 35%, 100%
XYZ	65.9707, 60.2982, 43.8621
YIQ	205.6990, 46.4440, 6.3160

Conversions

Conversions Part 2

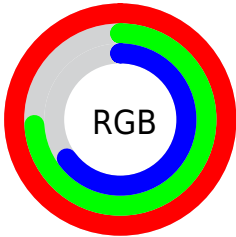
Format	Color
RYB	254, 198, 165
Decimal	16694693
CIELab	82.00, 20.28, 21.26
CIElCh	82, 29.382, 46.341
Yxy	60.2982, 0.3878, 0.3544
Android (android.graphics.Color)	4294884773 (0xFFFEFDA5)
YUV	205.6990, -20.0646, 42.3600
Hunter-Lab	77.6519, 15.7574, 20.8661

Details

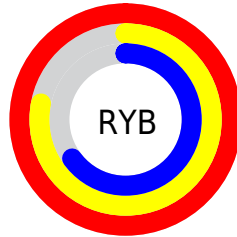
The CIELCh color **82, 29.382, 46.341** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 23.319, 231.031**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.247, 93.042**, and **62, 29.655, 45.759** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.341, 46.189**, and if you desaturate by 10%, it is **87, 20.146, 46.635**.

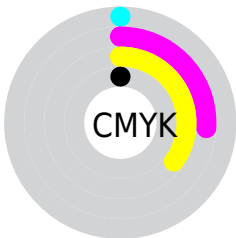
Distribution



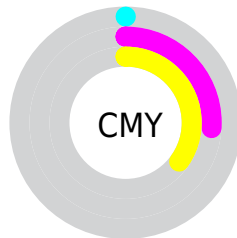
- Red (100%)
- Green (74%)
- Blue (65%)



- Red (100%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 29.382, 46.341 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, 29.382, 46.341 by changing the saturation by 10% instead.

 82, 29.382, 46.341

 82, 29.382, 46.341

 100, 29.382,
46.341

 72, 29.382, 46.341

 62, 29.382, 46.341

 52, 29.382, 46.341

 42, 29.382, 46.341

 32, 29.382, 46.341

 22, 29.382, 46.341

 12, 29.382, 46.341

 2, 29.382, 46.341

 0, 29.382, 46.341

82, 29.382, 46.341

82, 29.382, 46.341

77, 39.341, 46.189

87, 20.146, 46.635

73, 50.005, 46.183

92, 11.607, 47.019

69, 61.260, 46.325

97, 3.712, 47.393

65, 72.792, 46.544

100, 0.302,
201.579

61, 83.864, 46.615

59, 92.947, 46.007

57, 96.497, 45.463

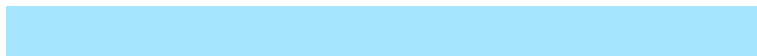
Harmonies

Complementary

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



82, 29.382, 46.341



88, 23.319, 231.031

Rectangle

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



82, 29.382, 46.341



82, 29.382, 96.341



82, 29.382, 226.341



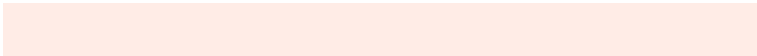
82, 29.382, 276.341

Sweetspot

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



82, 29.381, 46.347



95, 7.614, 47.225



78, 46.314, 335.466



50, 5.224, 47.167



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, 29.381, 46.347



79, 36.392, 46.221



93, 35.808, 94.045



50, 4.321, 47.245



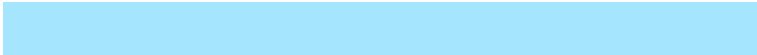
44, 77.435, 45.982



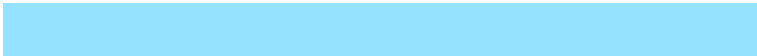
13, 28.968, 41.614

Inverse Universe

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



88, 23.319, 231.031



86, 27.330, 232.095



76, 36.987, 283.683



51, 4.091, 228.506



54, 37.776, 250.392



17, 16.740, 243.712

Previews

White Background



This preview shows how the CIELCh color 82, 29.382, 46.341 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, 29.382, 46.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

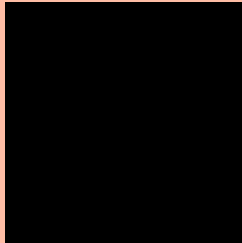
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 29.382, 46.341

Background



This preview shows how black text looks on a background with the CIELCh color 82, 29.382, 46.341.



This preview shows how white text looks on a background with the CIELCh color 82, 29.382, 46.341.

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, 29.420, 46.338

Protanopia

82, 17.390, 94.420

Deuteranopia

82, 24.060, 64.316



Tritanopia
82, 26.925, 7.091

Trichromacy



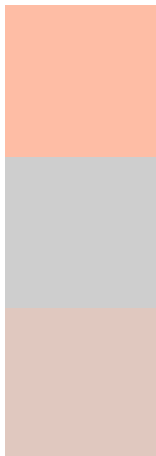
Original Color
82, 29.420, 46.338

Protanomaly
82, 19.450, 71.314

Deuteranomaly
82, 25.860, 57.838

Tritanomaly
82, 26.366, 21.551

Monochromacy



Original Color
82, 29.420, 46.338

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 10.276, 47.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 29.382, 46.341 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 29.382, 46.341 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, 165) }
```

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

```
.border{ border-color:rgb(254, 189, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 165);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 29.382, 46.341 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, 165) }
```

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

```
.background{ background-color: rgb(254,  
189, 165) }
```

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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