

Converting Colors

CIELCh(84, 37.010, 41.009)

Have a look what the booklet for
CIELCh(84, 37.010, 41.009) contains.

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Color

CIELCh(82, 29.795, 46.021)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA5
RGB	255, 189, 165
RGB Percent	100%, 74%, 65%
CMY	0.0005, 0.2592, 0.3534
CMYK	0.00, 0.26, 0.35, 0.00
HSL	16°, 100%, 82%
HSV	16°, 35%, 100%
XYZ	66.1520, 60.2982, 43.6987
YIQ	205.9980, 47.0400, 6.5280

Conversions

Conversions Part 2

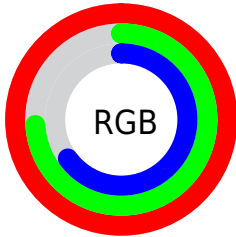
Format	Color
R _Y B	255, 198, 165
Decimal	16760229
CIE Lab	82.00, 20.69, 21.44
CIE LCh	82, 29.795, 46.021
Yxy	60.2982, 0.3888, 0.3544
Android (android.graphics.Color)	4294950309 (0xFFFFBDA5)
YUV	205.9980, -20.2120, 42.9748
Hunter-Lab	77.6519, 16.1742, 20.9908

Details

The CIELCh color **82, 29.795, 46.021** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 23.561, 230.649**, 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, 30.062, 45.444** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.817, 45.894**, and if you desaturate by 10%, it is **87, 20.500, 46.294**.

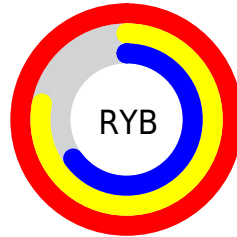
Distribution



Red (100%)

Green (74%)

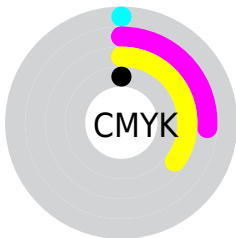
Blue (65%)



Red (100%)

Yellow (78%)

Blue (65%)

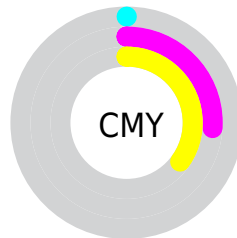


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 29.795, 46.021 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, 29.795, 46.021 by changing the saturation by 10% instead.

 82, 29.795, 46.021

 82, 29.795, 46.021

 100, 29.795,
46.021

 72, 29.795, 46.021

 62, 29.795, 46.021

 52, 29.795, 46.021

 42, 29.795, 46.021

 32, 29.795, 46.021

 22, 29.795, 46.021

 12, 29.795, 46.021

 2, 29.795, 46.021

 0, 29.795, 46.021

82, 29.795, 46.021

82, 29.795, 46.021

77, 39.817, 45.894

87, 20.500, 46.294

73, 50.546, 45.916

92, 11.909, 46.659

69, 61.862, 46.089

97, 3.967, 47.025

65, 73.442, 46.340

100, 0.042,
215.513

61, 84.524, 46.434

59, 93.543, 45.827

57, 96.865, 45.336

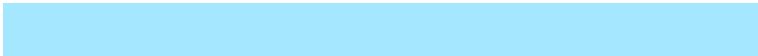
Harmonies

Complementary

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



82, 29.795, 46.021



88, 23.561, 230.649

Rectangle

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



82, 29.795, 46.021



82, 29.795, 96.021



82, 29.795, 226.021



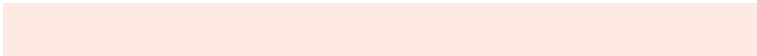
82, 29.795, 276.021

Sweetspot

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



82, 29.794, 46.027



94, 8.417, 46.831



78, 46.836, 335.492



50, 5.686, 46.777



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, 29.794, 46.027



79, 36.437, 45.922



93, 36.222, 94.004



50, 4.325, 46.889



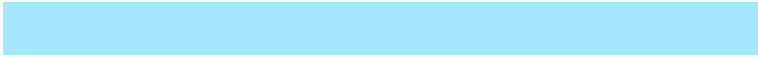
43, 77.553, 45.855



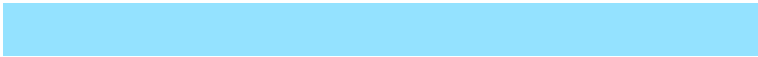
12, 29.011, 41.404

Inverse Universe

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



88, 23.561, 230.649



86, 27.327, 231.654



76, 37.430, 283.748



51, 4.093, 228.125



55, 37.627, 249.789



17, 16.698, 243.152

Previews

White Background



This preview shows how the CIELCh color 82, 29.795, 46.021 looks on a white background.

Color Contrast Check

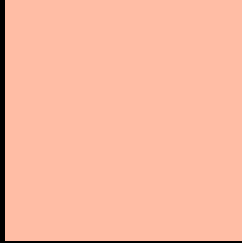
Large Text (above 18pt) WCAG AA × Fail

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, 29.795, 46.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

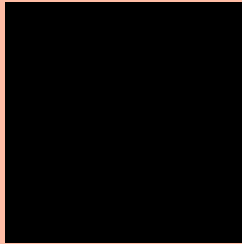
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 29.795, 46.021

Background



This preview shows how black text looks on a background with the CIELCh color 82, 29.795, 46.021.

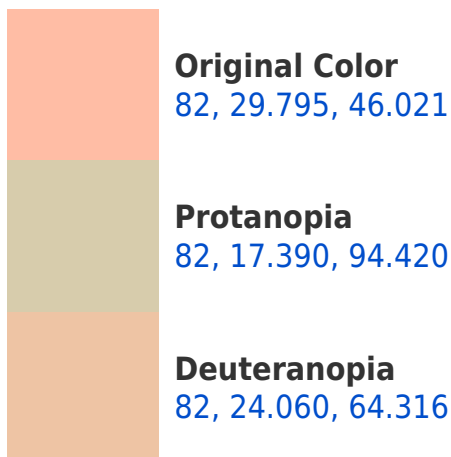


This preview shows how white text looks on a background with the CIELCh color 82, 29.795, 46.021.

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



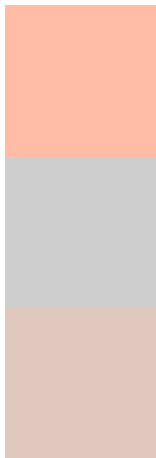
Original Color
82, 29.795, 46.021

Protanomaly
82, 20.133, 71.248

Deuteranomaly
82, 25.867, 56.462

Tritanomaly
82, 26.366, 21.551

Monochromacy



Original Color
82, 29.795, 46.021

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, 29.795, 46.021 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, 189, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 189, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 29.795, 46.021 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, 189, 165) }
```

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

```
.border{ border-color:rgb(255, 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(255, 189, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 29.795, 46.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 165) }
```

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

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