

Converting Colors

CIELCh(82, 32.405, 42.580)

Have a look what the booklet for
CIELCh(82, 32.405, 42.580) contains.

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Color

CIELCh(82, 30.354, 44.580)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCA5
RGB	255, 188, 165
RGB Percent	100%, 74%, 65%
CMY	0.0000, 0.2618, 0.3522
CMYK	0.00, 0.26, 0.35, 0.00
HSL	15°, 100%, 82%
HSV	15°, 35%, 100%
XYZ	66.5698, 60.2982, 43.8185
YIQ	205.4110, 47.3150, 7.0510

Conversions

Conversions Part 2

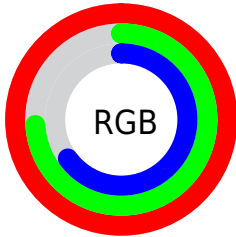
Format	Color
R _Y B	255, 196, 165
Decimal	16759973
CIE Lab	82.00, 21.62, 21.31
CIE LCh	82, 30.354, 44.580
Yxy	60.2982, 0.3900, 0.3533
Android (android.graphics.Color)	4294950053 (0xFFFFBCA5)
YUV	205.4110, -19.9226, 43.4896
Hunter-Lab	77.6519, 17.1345, 20.8993

Details

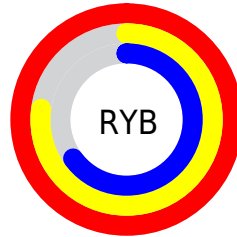
The CIELCh color **82, 30.354, 44.580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 23.535, 229.193**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 12.878, 90.881**, and **62, 30.224, 44.273** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.923, 44.909**, and if you desaturate by 10%, it is **87, 20.511, 45.180**.

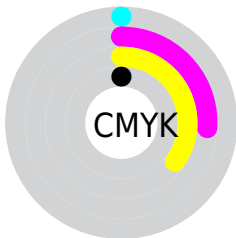
Distribution



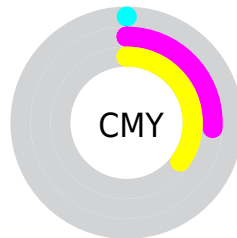
- Red (100%)
- Green (74%)
- Blue (65%)



- Red (100%)
- Yellow (77%)
- 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, 30.354, 44.580 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, 30.354, 44.580 by changing the saturation by 10% instead.

 82, 30.354, 44.580

 82, 30.354, 44.580

 100, 30.354,
44.580

 72, 30.354, 44.580

 62, 30.354, 44.580

 52, 30.354, 44.580

 42, 30.354, 44.580

 32, 30.354, 44.580

 22, 30.354, 44.580

 12, 30.354, 44.580

 2, 30.354, 44.580

 0, 30.354, 44.580

82, 30.354, 44.580

82, 30.354, 44.580

77, 39.923, 44.909

87, 20.511, 45.180

72, 50.711, 45.010

92, 11.884, 45.490

68, 62.091, 45.274

97, 3.915, 45.804

64, 73.741, 45.632

100, 0.012,
296.813

61, 84.902, 45.850

58, 93.999, 45.377

57, 97.389, 44.933

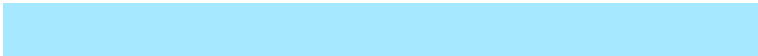
Harmonies

Complementary

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



82, 30.354, 44.580



88, 23.535, 229.193

Rectangle

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



82, 30.354, 44.580



82, 30.354, 94.580



82, 30.354, 224.580



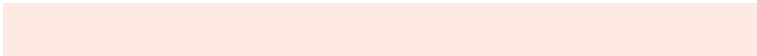
82, 30.354, 274.580

Sweetspot

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



82, 29.849, 44.974



94, 8.445, 45.637



79, 47.275, 334.798



49, 5.705, 45.590



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, 29.849, 44.974



79, 36.600, 44.913



93, 35.609, 92.859



50, 4.339, 45.688



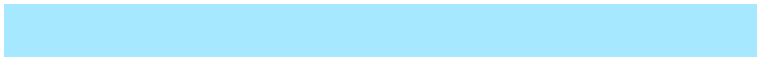
43, 77.950, 45.437



12, 29.155, 40.703

Inverse Universe

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



88, 23.535, 229.193



86, 27.325, 230.160



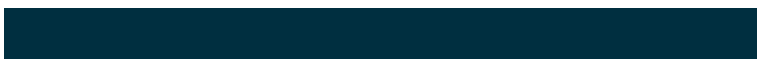
77, 36.578, 282.699



51, 4.103, 226.834



55, 37.153, 247.715



18, 16.566, 241.238

Previews

White Background



This preview shows how the CIELCh color 82, 30.354, 44.580 looks on a white background.

Color Contrast Check

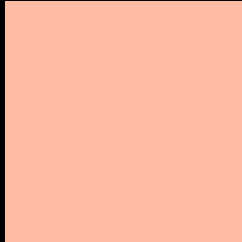
Large Text (above 18pt) WCAG AA × Fail

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, 30.354, 44.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

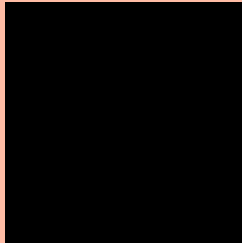
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.354, 44.580

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.354, 44.580.



This preview shows how white text looks on a background with the CIELCh color 82, 30.354, 44.580.

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, 29.934, 44.873

Protanopia

82, 16.492, 92.333

Deuteranopia

82, 23.767, 64.994



Tritanopia
82, 27.325, 7.350

Trichromacy



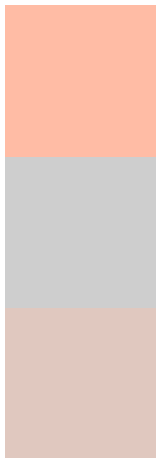
Original Color
82, 29.934, 44.873

Protanomaly
82, 19.563, 68.615

Deuteranomaly
82, 25.867, 56.462

Tritanomaly
82, 26.794, 21.596

Monochromacy



Original Color
82, 29.934, 44.873

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, 30.354, 44.580 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, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.354, 44.580 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, 188, 165) }
```

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

```
.border{ border-color:rgb(255, 188, 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, 188, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 165); box-shadow:4px 4px 4px 4px rgb(255, 188, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.354, 44.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 165) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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