

Converting Colors

CIELCh(90, 53.617, 27.890)

Have a look what the booklet for
CIELCh(90, 53.617, 27.890) contains.

CIELCh(82, 26.323, 30.510)	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, 26.323, 30.510)

Conversions

Conversions Part 1

Format	Color
Hex	FEBCB4
RGB	254, 188, 180
RGB Percent	100%, 74%, 71%
CMY	0.0043, 0.2628, 0.2942
CMYK	0.00, 0.26, 0.29, 0.00
HSL	6°, 97%, 85%
HSV	6°, 29%, 100%
XYZ	67.0468, 60.2982, 51.2758
YIQ	206.8220, 41.9040, 11.5040

Conversions

Conversions Part 2

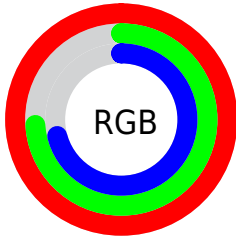
Format	Color
RYB	254, 189, 180
Decimal	16694452
CIELab	82.00, 22.68, 13.36
CIElCh	82, 26.323, 30.510
Yxy	60.2982, 0.3754, 0.3376
Android (android.graphics.Color)	4294884532 (0xFFFEBCB4)
YUV	206.8220, -13.2232, 41.3751
Hunter-Lab	77.6519, 18.2310, 15.2054

Details

The CIELCh color **82, 26.323, 30.510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 21.361, 209.348**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 5.660, 65.525**, and **62, 26.537, 30.358** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.838, 31.305**, and if you desaturate by 10%, it is **88, 16.571, 29.958**.

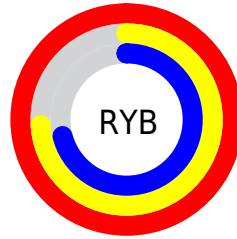
Distribution



Red (100%)

Green (74%)

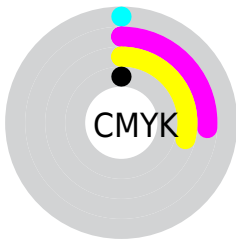
Blue (71%)



Red (100%)

Yellow (74%)

Blue (71%)

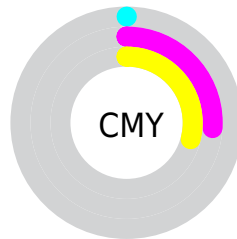


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.323, 30.510 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, 26.323, 30.510 by changing the saturation by 10% instead.

 82, 26.323, 30.510

 82, 26.323, 30.510

 100, 26.323,
30.510

 72, 26.323, 30.510

 62, 26.323, 30.510

 52, 26.323, 30.510

 42, 26.323, 30.510

 32, 26.323, 30.510

 22, 26.323, 30.510

 12, 26.323, 30.510

 2, 26.323, 30.510

 0, 26.323, 30.510

82, 26.323, 30.510

82, 26.323, 30.510

76, 36.838, 31.305

88, 16.571, 29.958

71, 48.075, 32.393

94, 7.575, 29.551

66, 59.897, 33.844

100, 0.384,
201.105

62, 72.037, 35.683

58, 83.980, 37.812

56, 94.621, 39.817

54, 101.979,
40.921

54, 102.525,
41.033

Harmonies

Complementary

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



82, 26.323, 30.510



93, 21.361, 209.348

Rectangle

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



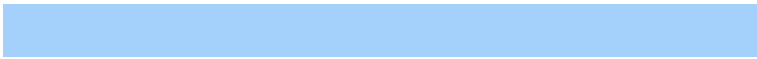
82, 26.323, 30.510



82, 26.323, 80.510



82, 26.323, 210.510



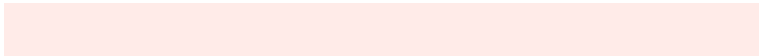
82, 26.323, 260.510

Sweetspot

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



82, 26.321, 30.516



94, 7.507, 29.547



82, 43.300, 328.981



50, 5.248, 29.602



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, 26.321, 30.516



79, 32.539, 30.949



91, 25.746, 81.571



50, 4.752, 29.566



41, 82.539, 41.277



11, 31.354, 32.475

Inverse Universe

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



93, 21.361, 209.348



92, 25.144, 209.450



83, 24.904, 270.067



52, 4.466, 209.385



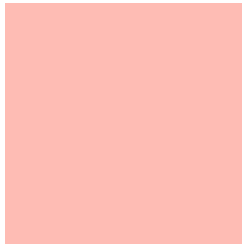
64, 35.736, 215.890



21, 16.599, 213.261

Previews

White Background



This preview shows how the CIELCh color 82, 26.323, 30.510 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 CIE LCh color 82, 26.323, 30.510 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, 26.323, 30.510

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.323, 30.510.



This preview shows how white text looks on a background with the CIELCh color 82, 26.323, 30.510.

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, 26.354, 30.517

Protanopia

82, 8.950, 89.690

Deuteranopia

82, 17.364, 55.254



Tritanopia
82, 27.408, 6.271

Trichromacy



Original Color
82, 26.354, 30.517

Protanomaly
82, 13.124, 51.458

Deuteranomaly
82, 20.149, 43.592

Tritanomaly
82, 26.625, 14.885

Monochromacy



Original Color
82, 26.354, 30.517

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.140, 29.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.323, 30.510 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.323, 30.510 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, 180) }
```

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

```
.border{ border-color:rgb(254, 188, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.323, 30.510 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, 180) }
```

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

```
.background{ background-color: rgb(254,  
188, 180) }
```

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