

Converting Colors

CIELCh(81, 27.756, 20.398)

Have a look what the booklet for
CIELCh(81, 27.756, 20.398) contains.

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Color

CIELCh(81, 27.626, 20.623)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7B8
RGB	254, 183, 184
RGB Percent	100%, 72%, 72%
CMY	0.0035, 0.2819, 0.2780
CMYK	0.00, 0.28, 0.28, 0.00
HSL	359°, 98%, 86%
HSV	359°, 28%, 100%
XYZ	66.5361, 58.4711, 53.1867
YIQ	204.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

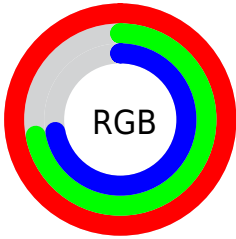
Format	Color
RYB	254, 183, 184
Decimal	16693176
CIELab	81.00, 25.86, 9.73
CIElCh	81, 27.626, 20.623
Yxy	58.4711, 0.3734, 0.3281
Android (android.graphics.Color)	4294883256 (0xFFFE7B8)
YUV	204.3430, -10.0291, 43.5492
Hunter-Lab	76.4664, 21.5029, 12.2869

Details

The CIELCh color **81, 27.626, 20.623** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 22.921, 196.711**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.742, 14.583**, and **61, 27.470, 21.218** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.855, 22.013**, and if you desaturate by 10%, it is **88, 17.079, 19.554**.

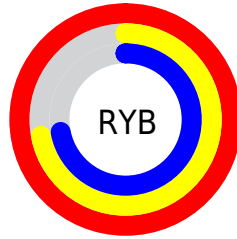
Distribution



Red (100%)

Green (72%)

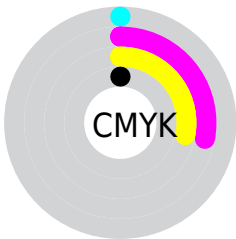
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

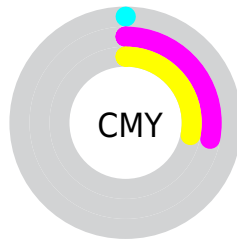


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.626, 20.623 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 81, 27.626, 20.623 by changing the saturation by 10% instead.

 81, 27.626, 20.623

 81, 27.626, 20.623

 100, 27.626,
20.623

 71, 27.626, 20.623

 61, 27.626, 20.623

 51, 27.626, 20.623

 41, 27.626, 20.623

 31, 27.626, 20.623

 21, 27.626, 20.623

 11, 27.626, 20.623

 1, 27.626, 20.623

 0, 27.626, 20.623

81, 27.626, 20.623

81, 27.626, 20.623

75, 38.855, 22.013

88, 17.079, 19.554

69, 50.631, 23.815

94, 7.271, 18.680

64, 62.692, 26.154

100, 0.306,
201.554

60, 74.664, 29.121

56, 86.047, 32.676

54, 96.005, 36.408

53, 102.735,
39.214

53, 103.744,
39.612

Harmonies

Complementary

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



81, 27.626, 20.623



95, 22.921, 196.711

Rectangle

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



81, 27.626, 20.623



81, 27.626, 70.623



81, 27.626, 200.623



81, 27.626, 250.623

Sweetspot

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



81, 27.624, 20.628



94, 7.348, 18.685



83, 44.319, 325.496



49, 5.252, 18.811



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 27.624, 20.628



77, 34.451, 21.424



89, 22.998, 70.158



49, 5.252, 18.811



40, 83.593, 39.448



10, 33.251, 26.619

Inverse Universe

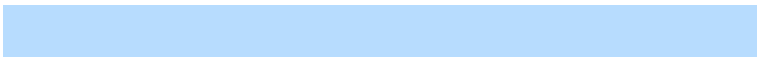
The Inverse Universe completely reimagines the original color for something new.



81, 27.624, 20.628



77, 34.451, 21.424



86, 21.110, 257.906



49, 5.252, 18.811



40, 83.593, 39.448



10, 33.251, 26.619

Previews

White Background



This preview shows how the CIELCh color 81, 27.626, 20.623 looks on a white background.

Color Contrast Check

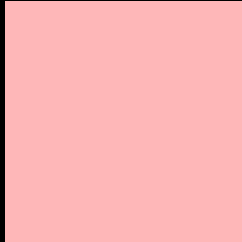
Large Text (above 18pt) WCAG AA × Fail

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 81, 27.626, 20.623 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 81, 27.626, 20.623

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.626, 20.623.



This preview shows how white text looks on a background with the CIELCh color 81, 27.626, 20.623.

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

81, 27.626, 20.623

Protanopia

81, 4.306, 78.607

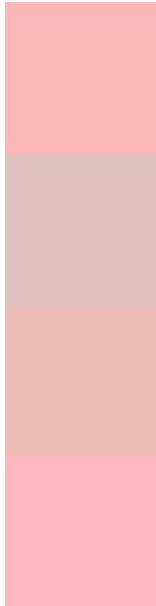
Deuteranopia

81, 14.648, 45.817



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 27.626, 20.623

Protanomaly
81, 11.599, 30.699

Deuteranomaly
81, 18.647, 32.143

Tritanomaly
81, 28.341, 12.292

Monochromacy



Original Color
81, 27.626, 20.623

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.751, 17.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.626, 20.623 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, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 184)  
}
```

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, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.626, 20.623 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, 183, 184) }
```

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

```
.border{ border-color:rgb(254, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.626, 20.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 184) }
```

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

```
.background{ background-color: rgb(254,  
183, 184) }
```

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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