

Converting Colors

CIELCh(80, 30.514, 2.770)

Have a look what the booklet for
CIELCh(80, 30.514, 2.770) contains.

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Color

CIELCh(80, 30.823, 2.257)

Conversions

Conversions Part 1

Format	Color
Hex	FEB1C5
RGB	254, 177, 197
RGB Percent	100%, 69%, 77%
CMY	0.0030, 0.3050, 0.2266
CMYK	0.00, 0.30, 0.22, 0.00
HSL	344°, 98%, 85%
HSV	344°, 30%, 100%
XYZ	66.8211, 56.6813, 60.3684
YIQ	202.3030, 39.4720, 22.5440

Conversions

Conversions Part 2

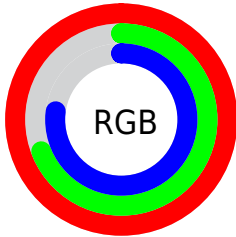
Format	Color
R_{YB}	254, 177, 197
Decimal	16691653
CIE _{Lab}	80.00, 30.80, 1.21
CIE _{LCh}	80, 30.823, 2.257
Yxy	56.6813, 0.3634, 0.3083
Android (android.graphics.Color)	4294881733 (0xFFFE _{B1C5})
YUV	202.3030, -2.6144, 45.3383
Hunter-Lab	75.2870, 26.6759, 5.1596

Details

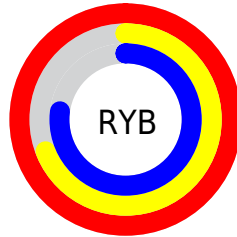
The CIELCh color $80, 30.823, 2.257$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94, 27.752, 175.833$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.318, 326.143$, and $60, 30.555, 2.862$ is the 20% darker color. If you saturate the color by 10%, you get $74, 41.538, 3.878$, and if you desaturate by 10%, it is $86, 20.267, 0.915$.

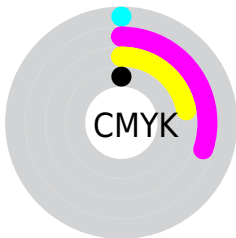
Distribution



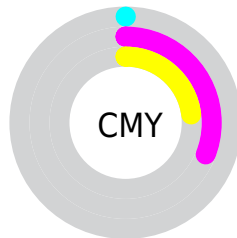
- Red (100%)
- Green (69%)
- Blue (77%)



- Red (100%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.823, 2.257 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 80, 30.823, 2.257 by changing the saturation by 10% instead.

 80, 30.823, 2.257

 80, 30.823, 2.257

 100, 30.823, 2.257

 70, 30.823, 2.257

 60, 30.823, 2.257

 50, 30.823, 2.257

 40, 30.823, 2.257

 30, 30.823, 2.257

 20, 30.823, 2.257

 10, 30.823, 2.257

 0, 30.823, 2.257

 80, 30.823, 2.257

 80, 30.823, 2.257

74, 41.538, 3.878

86, 20.267, 0.915

68, 52.131, 5.869

93, 10.057,
359.758

64, 62.191, 8.368

100, 0.284,
356.772

60, 71.250, 11.541

56, 78.921, 15.552

100, 0.269,
201.855

54, 85.103, 20.480

53, 90.126, 25.881

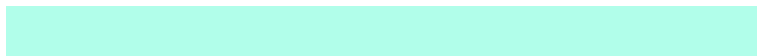
Harmonies

Complementary

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



80, 30.823, 2.257



94, 27.752, 175.833

Rectangle

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



80, 30.823, 2.257



80, 30.823, 52.257



80, 30.823, 182.257



80, 30.823, 232.257

Sweetspot

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



80, 30.820, 2.260



94, 8.790, 359.616



80, 45.235, 318.094



49, 6.129, 359.776



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 30.820, 2.260



77, 37.025, 3.145



84, 25.362, 42.626



50, 5.559, 359.671



40, 72.216, 24.808



10, 31.649, 15.404

Inverse Universe

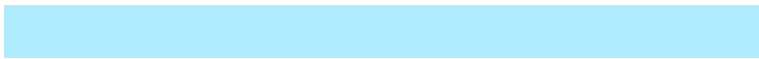
The Inverse Universe completely reimagines the original color for something new.



80, 30.820, 2.260



77, 37.025, 3.145



90, 20.645, 225.408



50, 5.559, 359.671



40, 72.216, 24.808



10, 31.649, 15.404

Previews

White Background



This preview shows how the CIELCh color 80, 30.823, 2.257 looks on a white background.

Color Contrast Check

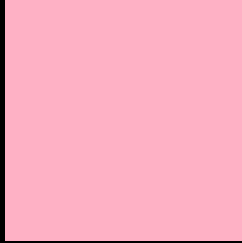
Large Text (above 18pt) WCAG AA × Fail

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 80, 30.823, 2.257 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 80, 30.823, 2.257

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.823, 2.257.

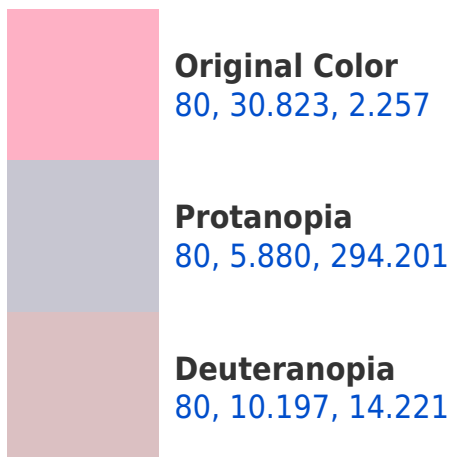


This preview shows how white text looks on a background with the CIELCh color 80, 30.823, 2.257.

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](#).

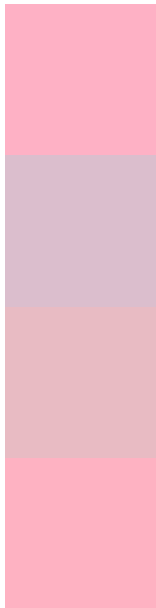
Dichromacy





Tritanopia
80, 29.848, 7.819

Trichromacy



Original Color
80, 30.823, 2.257

Protanomaly
80, 13.347, 343.813

Deuteranomaly
80, 17.492, 6.887

Tritanomaly
80, 30.005, 5.837

Monochromacy



Original Color
80, 30.823, 2.257

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 11.053, 0.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.823, 2.257 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, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 197)  
}
```

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, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.823, 2.257 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, 177, 197) }
```

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

```
.border{ border-color:rgb(254, 177, 197) }
```

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

Here you see how a box with a 4 pixel rgb(254, 177, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.823, 2.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 197) }
```

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

```
.background{ background-color: rgb(254,  
177, 197) }
```

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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