

Converting Colors

CIELCh(80, 31.049, 359.076)

Have a look what the booklet for
CIELCh(80, 31.049, 359.076)
contains.

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Color

CIELCh(80, 31.233, 359.457)

Conversions

Conversions Part 1

Format	Color
Hex	FEB1C8
RGB	254, 177, 200
RGB Percent	100%, 69%, 78%
CMY	0.0039, 0.3059, 0.2157
CMYK	0.00, 0.30, 0.21, 0.00
HSL	342°, 97%, 85%
HSV	342°, 30%, 100%
XYZ	67.0163, 56.6813, 62.0480
YIQ	202.6450, 38.5090, 23.4770

Conversions

Conversions Part 2

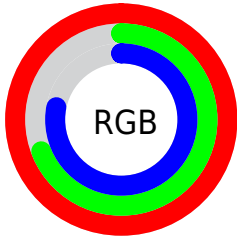
Format	Color
RYB	254, 177, 200
Decimal	16691656
CIELab	80.00, 31.23, -0.30
CIELCh	80, 31.233, 359.457
Yxy	56.6813, 0.3608, 0.3052
Android (android.graphics.Color)	4294881736 (0xFFFEB1C8)
YUV	202.6450, -1.3040, 45.0383
Hunter-Lab	75.2870, 27.1387, 3.8369

Details

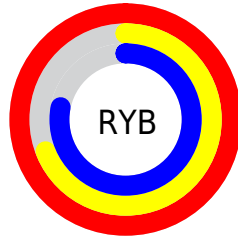
The CIELCh color **80, 31.233, 359.457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 28.508, 173.027**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.736, 324.896**, and **60, 30.945, 359.854** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.959, 1.035**, and if you desaturate by 10%, it is **86, 20.597, 358.140**.

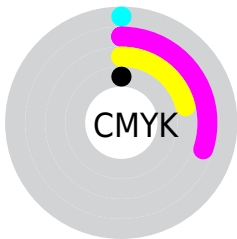
Distribution



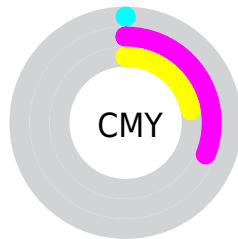
- Red (100%)
- Green (69%)
- Blue (78%)



- Red (100%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 31.233, 359.457 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, 31.233, 359.457 by changing the saturation by 10% instead.


 80, 31.233,
359.457


 80, 31.233,
359.457


 100, 31.233,
359.457


 70, 31.233,
359.457

 60, 31.233,
359.457

 50, 31.233,
359.457

 40, 31.233,
359.457

 30, 31.233,
359.457

 20, 31.233,
359.457

 10, 31.233,

359.457

0, 31.233, 359.457

80, 31.233,
359.457

80, 31.233,
359.457

74, 41.959, 1.035

86, 20.597,
358.140

69, 52.475, 2.960

93, 10.256,
356.996

64, 62.349, 5.365

60, 71.088, 8.412

99, 0.311, 354.243

57, 78.279, 12.281

100, 0.349,
201.282

55, 83.812, 17.088

54, 88.084, 22.462

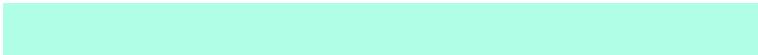
Harmonies

Complementary

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



80, 31.233, 359.457



94, 28.508, 173.027

Rectangle

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



80, 31.233, 359.457



80, 31.233, 49.457



80, 31.233, 179.457



80, 31.233, 229.457

Sweetspot

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



80, 31.230, 359.460



94, 8.954, 356.853



79, 44.920, 317.044



49, 6.241, 357.011



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, 31.230, 359.460



77, 37.456, 0.320



83, 25.828, 39.229



50, 5.662, 356.908



40, 70.730, 21.384



10, 31.466, 12.844

Inverse Universe

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



80, 31.230, 359.460



77, 37.456, 0.320



91, 20.884, 220.915



50, 5.662, 356.908



40, 70.730, 21.384



10, 31.466, 12.844

Previews

White Background



This preview shows how the CIELCh color 80, 31.233, 359.457 looks on a white background.

Color Contrast Check

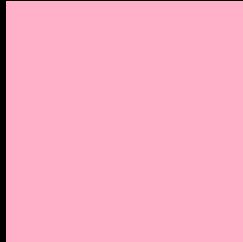
Large Text (above 18pt) WCAG AA × Fail

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, 31.233, 359.457 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, 31.233, 359.457

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.233, 359.457.

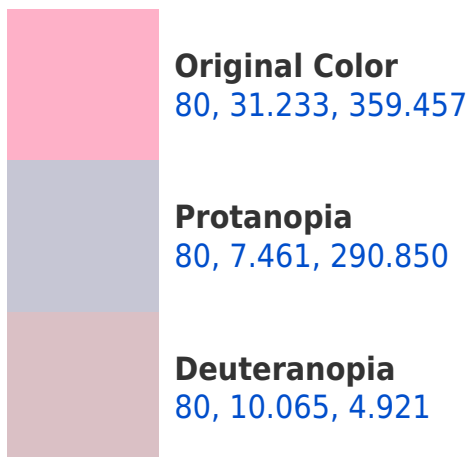


This preview shows how white text looks on a background with the CIELCh color 80, 31.233, 359.457.

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, 29.471, 7.591

Trichromacy



Original Color
80, 31.233, 359.457



Protanomaly
80, 14.057, 337.606



Deuteranomaly
80, 17.489, 1.451

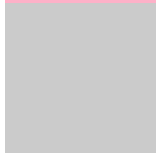


Tritanomaly
80, 29.731, 4.591

Monochromacy



Original Color
80, 31.233, 359.457



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 11.226, 358.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.233, 359.457 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.233, 359.457 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, 200) }
```

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

```
.border{ border-color:rgb(254, 177, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.233, 359.457 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, 200) }
```

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

```
.background{ background-color: rgb(254,  
177, 200) }
```

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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