

Converting Colors

CIELCh(84, 30.952, 324.145)

Have a look what the booklet for
CIELCh(84, 30.952, 324.145)
contains.

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Color

CIELCh(84, 31.257, 324.437)

Conversions

Conversions Part 1

Format	Color
Hex	F2C2F4
RGB	242, 194, 244
RGB Percent	95%, 76%, 96%
CMY	0.0505, 0.2388, 0.0427
CMYK	0.01, 0.20, 0.00, 0.04
HSL	298°, 70%, 86%
HSV	298°, 20%, 96%
XYZ	72.3170, 64.0658, 94.2301
YIQ	214.0520, 12.5580, 25.7260

Conversions

Conversions Part 2

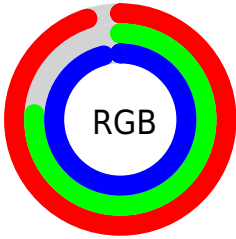
Format	Color
RYB	242, 194, 244
Decimal	15909620
CIELab	84.00, 25.43, -18.18
CIELCh	84, 31.257, 324.437
Yxy	64.0658, 0.3136, 0.2778
Android (android.graphics.Color)	4294099700 (0xFFFF2C2F4)
YUV	214.0520, 14.7644, 24.5104
Hunter-Lab	80.0411, 21.2025, -13.7716

Details

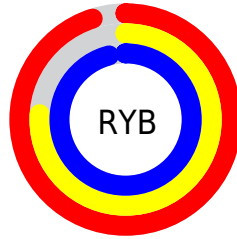
The CIELCh color `84, 31.257, 324.437` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `92, 31.186, 142.118`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.492, 324.405`, and `64, 31.330, 324.030` is the 20% darker color. If you saturate the color by 10%, you get `78, 46.474, 324.952`, and if you desaturate by 10%, it is `90, 15.929, 323.904`.

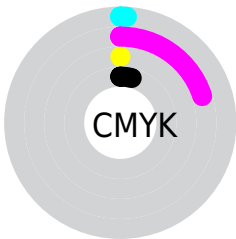
Distribution



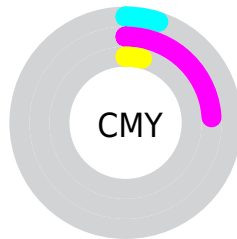
- Red (95%)
- Green (76%)
- Blue (96%)



- Red (95%)
- Yellow (76%)
- Blue (96%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (24%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 31.257, 324.437 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 84, 31.257, 324.437 by changing the saturation by 10% instead.


 84, 31.257,
324.437

 84, 31.257,
324.437

 100, 31.257,
324.437


 74, 31.257,
324.437

 64, 31.257,
324.437

 54, 31.257,
324.437

 44, 31.257,
324.437

 34, 31.257,
324.437

 24, 31.257,
324.437

 14, 31.257,

324.437

■ 4, 31.257, 324.437

■ 0, 31.257, 324.437

■ 84, 31.257,
324.437

■ 84, 31.257,
324.437

■ 78, 46.474,
324.952

■ 90, 15.929,
323.904

■ 73, 61.242,
325.436

■ 96, 0.737, 323.006

■ 99, 6.577, 141.951

■ 68, 75.091,
325.869

■ 99, 6.397, 139.398

■ 64, 87.446,
326.231

■ 99, 6.229, 136.696

■ 61, 97.688,

■ 99, 6.076, 133.846

326.500

99, 5.939, 130.850

■ 59, 105.281,
326.658

■ 99, 5.819, 127.716

■ 57, 109.951,
326.695

■ 99, 5.717, 124.453

■ 56, 112.036,
326.634

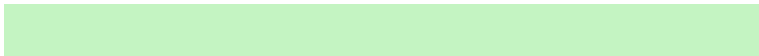
Harmonies

Complementary

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



84, 31.257, 324.437



92, 31.186, 142.118

Rectangle

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



84, 31.257, 324.437



84, 31.257, 14.437



84, 31.257, 144.437



84, 31.257, 194.437

Sweetspot

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



84, 31.254, 324.437



96, 9.419, 323.655



81, 25.293, 290.527



51, 6.250, 323.693



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 31.254, 324.437



85, 39.535, 324.675



84, 23.190, 342.764



48, 8.651, 323.849



43, 91.409, 326.660



10, 40.629, 326.866

Inverse Universe

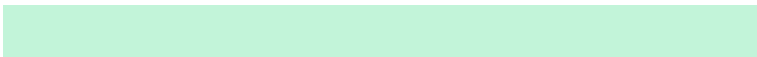
The Inverse Universe completely reimagines the original color for something new.



83, 19.028, 17.759



83, 24.460, 18.271



92, 22.728, 159.309



48, 5.081, 16.704



39, 80.812, 38.418



8, 30.772, 23.408

Previews

White Background



This preview shows how the CIELCh color 84, 31.257, 324.437 looks on a white background.

Color Contrast Check

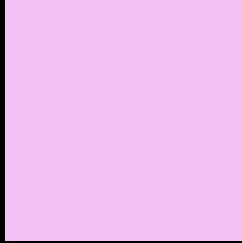
Large Text (above 18pt) WCAG AA × Fail

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 84, 31.257, 324.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

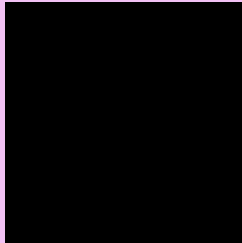
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 31.257, 324.437

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.257, 324.437.



This preview shows how white text looks on a background with the CIELCh color 84, 31.257, 324.437.

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


84, 31.257, 324.437

Protanopia

84, 23.813, 285.882

Deuteranopia

84, 19.894, 301.684



Tritanopia
84, 16.586, 350.309

Trichromacy



Original Color
84, 31.257, 324.437



Protanomaly
84, 25.239, 301.417



Deuteranomaly
84, 23.774, 312.277



Tritanomaly
84, 21.496, 335.905

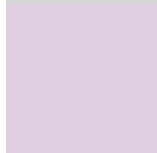
Monochromacy



Original Color
84, 31.257, 324.437



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 11.306, 323.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.257, 324.437 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(242, 194, 244)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 244)  
}
```

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(242, 194, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.257, 324.437 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(242, 194, 244) }
```

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

```
.border{ border-color:rgb(242, 194, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.257, 324.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 244) }
```

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

```
.background{ background-color: rgb(242,  
194, 244) }
```

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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