

Converting Colors

CIELCh(82, 27.009, 330.007)

Have a look what the booklet for
CIELCh(82, 27.009, 330.007)
contains.

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Color

CIELCh(82, 26.987, 330.002)

Conversions

Conversions Part 1

Format	Color
Hex	EDBEE6
RGB	237, 190, 230
RGB Percent	93%, 75%, 90%
CMY	0.0721, 0.2563, 0.0995
CMYK	0.00, 0.20, 0.03, 0.07
HSL	309°, 56%, 84%
HSV	309°, 20%, 93%
XYZ	67.3607, 60.2982, 82.6723
YIQ	208.6130, 15.1720, 22.4040

Conversions

Conversions Part 2

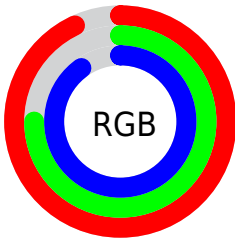
Format	Color
R _Y B	237, 190, 230
Decimal	15580902
CIE _{Lab}	82.00, 23.37, -13.49
CIE _{LCh}	82, 26.987, 330.002
Y _{xy}	60.2982, 0.3203, 0.2867
Android (android.graphics.Color)	4293770982 (0xFFEDBEE6)
YUV	208.6130, 10.5438, 24.8954
Hunter-Lab	77.6519, 18.9526, -8.7669

Details

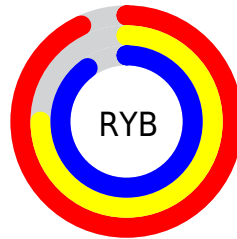
The CIELCh color $82, 26.987, 330.002$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90, 26.914, 147.453$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $62, 27.064, 330.518$ is the 20% darker color. If you saturate the color by 10%, you get $76, 40.548, 330.635$, and if you desaturate by 10%, it is $88, 13.335, 329.374$.

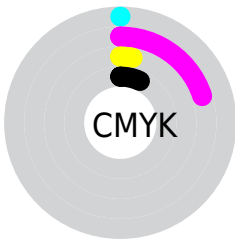
Distribution



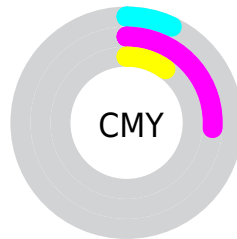
- Red (93%)
- Green (75%)
- Blue (90%)



- Red (93%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.987, 330.002 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, 26.987, 330.002 by changing the saturation by 10% instead.


 82, 26.987,
330.002


 82, 26.987,
330.002


 100, 26.987,
330.002


 72, 26.987,
330.002

 62, 26.987,
330.002

 52, 26.987,
330.002

 42, 26.987,
330.002

 32, 26.987,
330.002

 22, 26.987,
330.002

 12, 26.987,

330.002

■ 2, 26.987, 330.002

■ 0, 26.987, 330.002

■ 82, 26.987,
330.002

■ 82, 26.987,
330.002

■ 76, 40.548,
330.635

■ 88, 13.335,
329.374

■ 71, 53.707,
331.274

■ 94, 0.185, 150.608

■ 67, 66.025,
331.915

■ 98, 9.987, 149.908

■ 98, 8.677, 157.498

■ 63, 76.956,
332.557

■ 99, 7.562, 167.502

■ 59, 85.899,

■ 99, 6.741, 180.388

333.204

99, 6.331, 195.814

57, 92.319,
333.866

99, 6.306, 199.111

55, 95.916,
334.566

54, 97.018,
335.321

54, 97.027,
335.332

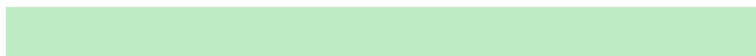
Harmonies

Complementary

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



82, 26.987, 330.002



90, 26.914, 147.453

Rectangle

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



82, 26.987, 330.002



82, 26.987, 20.002



82, 26.987, 150.002



82, 26.987, 200.002

Sweetspot

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



82, 26.984, 330.002



96, 8.605, 329.126



79, 25.295, 297.164



51, 5.710, 329.170



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, 26.984, 330.002



85, 34.673, 330.270



81, 19.621, 353.467



46, 7.632, 329.349



41, 79.554, 335.192



9, 34.644, 334.030

Inverse Universe

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



82, 26.984, 330.002



85, 34.673, 330.270



90, 18.759, 169.645



46, 7.632, 329.349



41, 79.554, 335.192



9, 34.644, 334.030

Previews

White Background



This preview shows how the CIELCh color 82, 26.987, 330.002 looks on a white background.

Color Contrast Check

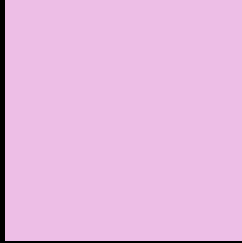
Large Text (above 18pt) WCAG AA × Fail

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 82, 26.987, 330.002 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, 26.987, 330.002

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.987, 330.002.

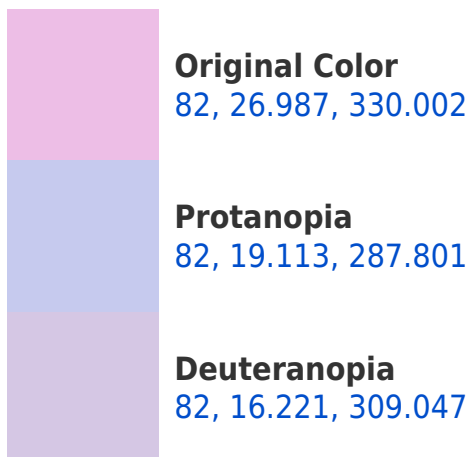


This preview shows how white text looks on a background with the CIELCh color 82, 26.987, 330.002.

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
82, 17.092, 353.254

Trichromacy



Original Color
82, 26.987, 330.002

Protanomaly
82, 20.308, 305.567

Deuteranomaly
82, 19.839, 319.072

Tritanomaly
82, 20.163, 342.137

Monochromacy



Original Color
82, 26.987, 330.002

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.078, 328.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.987, 330.002 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(237, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 190, 230)  
}
```

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(237, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 190, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.987, 330.002 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(237, 190, 230) }
```

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

```
.border{ border-color:rgb(237, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 190, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 190, 230); box-shadow:4px 4px 4px 4px rgb(237, 190, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.987, 330.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 190, 230) }
```

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

```
.background{ background-color: rgb(237,  
190, 230) }
```

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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