

Converting Colors

CIELCh(82, 22.493, 336.795)

Have a look what the booklet for
CIELCh(82, 22.493, 336.795)
contains.

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Color

CIELCh(82, 22.722, 337.046)

Conversions

Conversions Part 1

Format	Color
Hex	ECBFDD
RGB	236, 191, 221
RGB Percent	93%, 75%, 87%
CMY	0.0746, 0.2511, 0.1334
CMYK	0.00, 0.19, 0.06, 0.07
HSL	320°, 54%, 84%
HSV	320°, 19%, 93%
XYZ	66.2566, 60.2982, 76.5354
YIQ	207.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

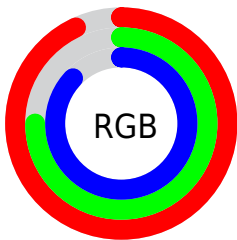
Format	Color
R_{YB}	236, 191, 221
Decimal	15515613
CIE _{Lab}	82.00, 20.92, -8.86
CIE _{LCh}	82, 22.722, 337.046
Yxy	60.2982, 0.3262, 0.2969
Android (android.graphics.Color)	4293705693 (0xFFECCBFDD)
YUV	207.8750, 6.4706, 24.6656
Hunter-Lab	77.6519, 16.4146, -4.0812

Details

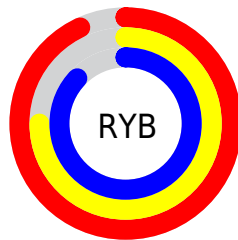
The CIELCh color **82, 22.722, 337.046** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90, 22.498, 154.204**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **62, 23.002, 337.057** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.709, 337.866**, and if you desaturate by 10%, it is **88, 10.731, 336.273**.

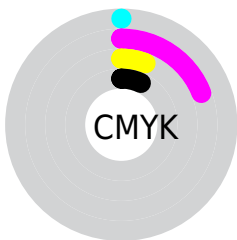
Distribution



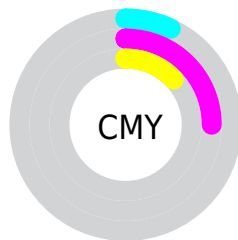
- Red (93%)
- Green (75%)
- Blue (87%)



- Red (93%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 22.722, 337.046 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, 22.722, 337.046 by changing the saturation by 10% instead.


 82, 22.722,
337.046


 82, 22.722,
337.046


 100, 22.722,
337.046


 72, 22.722,
337.046

 62, 22.722,
337.046

 52, 22.722,
337.046

 42, 22.722,
337.046

 32, 22.722,
337.046

 22, 22.722,
337.046

 12, 22.722,

337.046

■ 2, 22.722, 337.046

■ 0, 22.722, 337.046

■ 82, 22.722,
337.046

■ 82, 22.722,
337.046

■ 76, 34.709,
337.866

■ 88, 10.731,
336.273

■ 71, 46.427,
338.751

■ 94, 1.082, 155.970

■ 66, 57.485,
339.725

■ 98, 8.557, 160.610

■ 99, 6.702, 187.848

■ 62, 67.371,
340.818

■ 99, 6.523, 199.094

■ 58, 75.491,

342.078

■ 55, 81.281,
343.573

■ 53, 84.388,
345.393

■ 52, 85.024,
347.608

■ 52, 85.040,
347.825

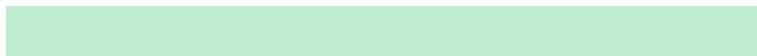
Harmonies

Complementary

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



82, 22.722, 337.046



90, 22.498, 154.204

Rectangle

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



82, 22.722, 337.046



82, 22.722, 27.046



82, 22.722, 157.046



82, 22.722, 207.046

Sweetspot

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



82, 22.719, 337.047



96, 7.542, 336.035



80, 24.659, 304.192



51, 5.005, 336.087



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, 22.719, 337.047



85, 29.228, 337.370



81, 17.374, 7.700



46, 6.693, 336.303



40, 69.960, 347.380



8, 30.880, 343.737

Inverse Universe

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



82, 22.719, 337.047



85, 29.228, 337.370



90, 15.956, 184.182



46, 6.693, 336.303



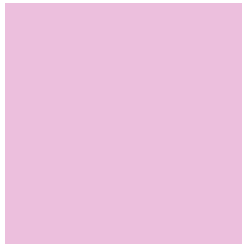
40, 69.960, 347.380



8, 30.880, 343.737

Previews

White Background



This preview shows how the CIELCh color 82, 22.722, 337.046 looks on a white background.

Color Contrast Check

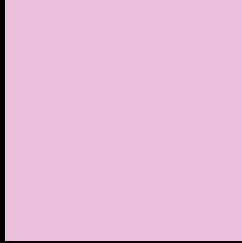
Large Text (above 18pt) WCAG AA × Fail

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, 22.722, 337.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

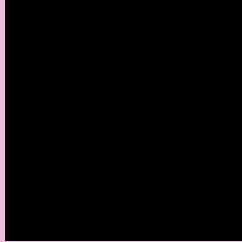
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 22.722, 337.046

Background



This preview shows how black text looks on a background with the CIELCh color 82, 22.722, 337.046.



This preview shows how white text looks on a background with the CIELCh color 82, 22.722, 337.046.

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
82, 22.722, 337.046

Protanopia
82, 13.259, 288.351

Deuteranopia
82, 13.565, 321.129



Tritanopia
82, 17.092, 353.254

Trichromacy



Original Color
82, 22.722, 337.046

Protanomaly
82, 14.843, 312.193

Deuteranomaly
82, 16.915, 329.206

Tritanomaly
82, 19.266, 345.887

Monochromacy



Original Color
82, 22.722, 337.046

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.255, 335.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 22.722, 337.046 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(236, 191, 221)` looks like.

```
.text, #text, p{  
    color:rgb(236, 191, 221)  
}
```

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(236, 191, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 191, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 22.722, 337.046 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(236, 191, 221) }
```

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

```
.border{ border-color:rgb(236, 191, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 191, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 191, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 191, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 191,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 22.722, 337.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 191, 221) }
```

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

```
.background{ background-color: rgb(236,  
191, 221) }
```

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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