

Converting Colors

CIELCh(82, 11.340, 0.640)

Have a look what the booklet for
CIELCh(82, 11.340, 0.640) contains.

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Color

CIELCh(82, 11.376, 1.359)

Conversions

Conversions Part 1

Format	Color
Hex	E2C5CC
RGB	226, 197, 204
RGB Percent	89%, 77%, 80%
CMY	0.1147, 0.2284, 0.2010
CMYK	0.00, 0.13, 0.10, 0.11
HSL	346°, 33%, 83%
HSV	346°, 13%, 89%
XYZ	62.0664, 60.2982, 65.3405
YIQ	206.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

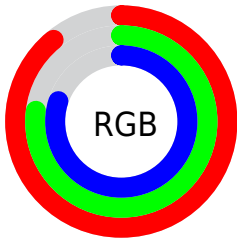
Format	Color
R _Y B	226, 197, 204
Decimal	14861772
CIE Lab	82.00, 11.37, 0.27
CIE LCh	82, 11.376, 1.359
Yxy	60.2982, 0.3307, 0.3212
Android (android.graphics.Color)	4293051852 (0xFFE2C5CC)
YUV	206.4690, -1.2172, 17.1287
Hunter-Lab	77.6519, 6.7825, 4.4666

Details

The CIELCh color **82, 11.376, 1.359** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 10.874, 179.020**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **62, 11.320, 0.369** is the 20% darker color. If you saturate the color by 10%, you get **76, 20.686, 2.556**, and if you desaturate by 10%, it is **88, 2.459, 0.195**.

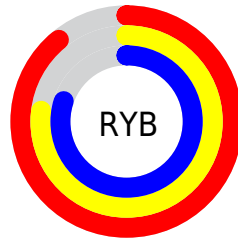
Distribution



Red (89%)

Green (77%)

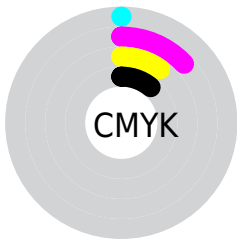
Blue (80%)



Red (89%)

Yellow (77%)

Blue (80%)

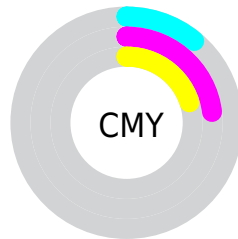


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 11.376, 1.359 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, 11.376, 1.359 by changing the saturation by 10% instead.

82, 11.376, 1.359

82, 11.376, 1.359

100, 11.376, 1.359

72, 11.376, 1.359

62, 11.376, 1.359

52, 11.376, 1.359

42, 11.376, 1.359

32, 11.376, 1.359

22, 11.376, 1.359

12, 11.376, 1.359

2, 11.376, 1.359

0, 11.376, 1.359

82, 11.376, 1.359

82, 11.376, 1.359

76, 20.686, 2.556

88, 2.459, 0.195

70, 30.303, 3.958

94, 6.021, 179.641

65, 40.049, 5.657

98, 9.925, 198.845

60, 49.647, 7.763

56, 58.724, 10.416

52, 66.871, 13.781

50, 73.789, 18.000

48, 79.456, 23.091

47, 83.074, 26.999

Harmonies

Complementary

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



82, 11.376, 1.359



88, 10.874, 179.020

Rectangle

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



82, 11.376, 1.359



82, 11.376, 51.359



82, 11.376, 181.359



82, 11.376, 231.359

Sweetspot

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



82, 11.374, 1.366



97, 3.831, 0.371



82, 17.276, 317.834



51, 2.727, 0.468



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, 11.374, 1.366



90, 14.743, 1.621



84, 9.016, 44.823



44, 4.965, 0.992



37, 68.433, 25.975



6, 25.291, 10.646

Inverse Universe

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



82, 11.374, 1.366



90, 14.743, 1.621



86, 8.344, 226.198



44, 4.965, 0.992



37, 68.433, 25.975



6, 25.291, 10.646

Previews

White Background



This preview shows how the CIELCh color 82, 11.376, 1.359 looks on a white background.

Color Contrast Check

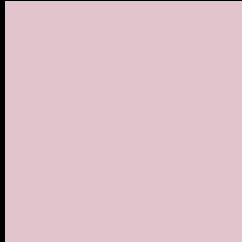
Large Text (above 18pt) WCAG AA × Fail

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, 11.376, 1.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

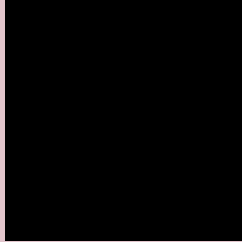
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 11.376, 1.359

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.376, 1.359.



This preview shows how white text looks on a background with the CIELCh color 82, 11.376, 1.359.

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, 11.376, 1.359

Protanopia

82, 2.591, 324.446

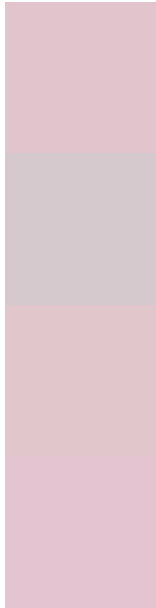
Deuteranopia

82, 10.144, 2.004



Tritanopia
82, 13.871, 345.685

Trichromacy



Original Color
82, 11.376, 1.359

Protanomaly
82, 5.468, 350.832

Deuteranomaly
82, 10.501, 2.682

Tritanomaly
82, 13.073, 351.467

Monochromacy



Original Color
82, 11.376, 1.359

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.825, 3.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.376, 1.359 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(226, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 204)  
}
```

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(226, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.376, 1.359 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(226, 197, 204) }
```

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

```
.border{ border-color:rgb(226, 197, 204) }
```

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

Here you see how a box with a 4 pixel rgb(226, 197, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.376, 1.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 204) }
```

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

```
.background{ background-color: rgb(226,  
197, 204) }
```

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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