

Converting Colors

CIELCh(89, 15.527, 356.913)

Have a look what the booklet for
CIELCh(89, 15.527, 356.913)
contains.

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Color

CIELCh(89, 15.503, 356.935)

Conversions

Conversions Part 1

Format	Color
Hex	FDD6E2
RGB	253, 214, 226
RGB Percent	99%, 84%, 89%
CMY	0.0095, 0.1623, 0.1153
CMYK	0.00, 0.15, 0.11, 0.01
HSL	342°, 89%, 91%
HSV	342°, 15%, 99%
XYZ	77.9745, 74.1641, 81.8665
YIQ	227.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

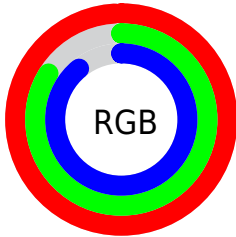
Format	Color
R _Y B	253, 214, 226
Decimal	16635618
CIE Lab	89.00, 15.48, -0.83
CIE LCh	89, 15.503, 356.935
Yxy	74.1641, 0.3332, 0.3169
Android (android.graphics.Color)	4294825698 (0xFFFDD6E2)
YUV	227.0290, -0.5073, 22.7766
Hunter-Lab	86.1186, 10.9120, 3.9205

Details

The CIELCh color **89, 15.503, 356.935** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 14.840, 174.005**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 15.644, 356.159** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.992, 358.157**, and if you desaturate by 10%, it is **96, 5.349, 355.835**.

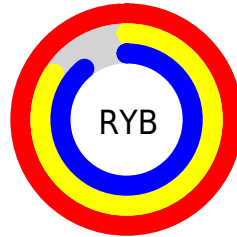
Distribution



Red (99%)

Green (84%)

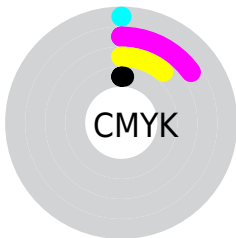
Blue (89%)



Red (99%)

Yellow (84%)

Blue (89%)

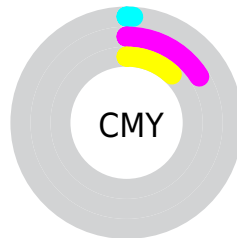


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (16%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 15.503, 356.935 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 89, 15.503, 356.935 by changing the saturation by 10% instead.


 89, 15.503,
356.935


 89, 15.503,
356.935


 100, 15.503,
356.935


 79, 15.503,
356.935

 69, 15.503,
356.935

 59, 15.503,
356.935

 49, 15.503,
356.935

 39, 15.503,
356.935

 29, 15.503,
356.935

 19, 15.503,

356.935

■ 9, 15.503, 356.935

■ 0, 15.503, 356.935

■ 89, 15.503,
356.935

■ 89, 15.503,
356.935

■ 83, 25.992,
358.157

■ 96, 5.349, 355.835

■ 77, 36.674,
359.587

100, 0.839,
200.142

■ 71, 47.292, 1.312

■ 66, 57.473, 3.442

■ 61, 66.738, 6.123

■ 58, 74.608, 9.530

■ 55, 80.790, 13.830

■ 54, 85.408, 19.070

■ 53, 87.300, 21.627

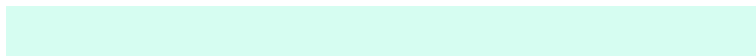
Harmonies

Complementary

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



89, 15.503, 356.935



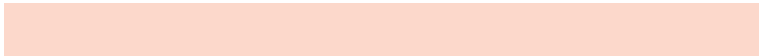
96, 14.840, 174.005

Rectangle

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



89, 15.503, 356.935



89, 15.503, 46.935



89, 15.503, 176.935



89, 15.503, 226.935

Sweetspot

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



89, 15.500, 356.940



97, 4.957, 355.785



89, 22.420, 315.851



51, 3.387, 355.867



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

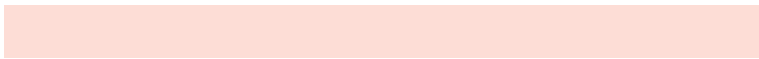
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.500, 356.940



87, 19.359, 357.356



90, 12.418, 37.387



50, 5.688, 356.286



40, 70.428, 20.569



10, 31.431, 12.210

Inverse Universe

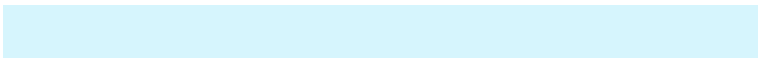
The Inverse Universe completely reimagines the original color for something new.



89, 15.500, 356.940



87, 19.359, 357.356



95, 11.218, 218.004



50, 5.688, 356.286



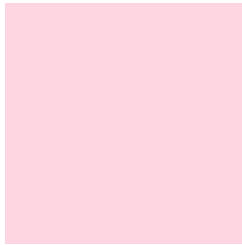
40, 70.428, 20.569



10, 31.431, 12.210

Previews

White Background



This preview shows how the CIELCh color 89, 15.503, 356.935 looks on a white background.

Color Contrast Check

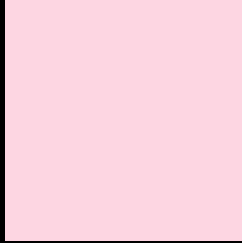
Large Text (above 18pt) WCAG AA × Fail

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 89, 15.503, 356.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

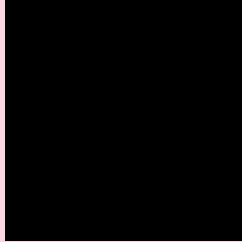
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 15.503, 356.935

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.503, 356.935.

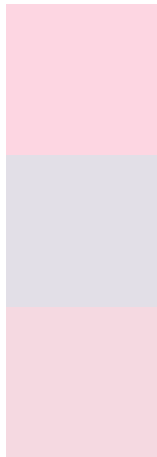


This preview shows how white text looks on a background with the CIELCh color 89, 15.503, 356.935.

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
89, 15.503, 356.935

Protanopia
89, 4.320, 304.745

Deuteranopia
89, 10.994, 358.021



Tritanopia
89, 16.951, 349.350

Trichromacy



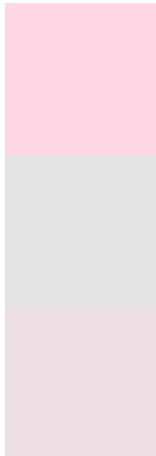
Original Color
89, 15.503, 356.935

Protanomaly
89, 7.438, 340.903

Deuteranomaly
89, 12.549, 358.501

Tritanomaly
89, 16.471, 352.480

Monochromacy



Original Color
89, 15.503, 356.935

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.471, 357.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.503, 356.935 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(253, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 214, 226)  
}
```

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(253, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 214, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.503, 356.935 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(253, 214, 226) }
```

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

```
.border{ border-color:rgb(253, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 214,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.503, 356.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 214, 226) }
```

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

```
.background{ background-color: rgb(253,  
214, 226) }
```

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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