

Converting Colors

CIELCh(87, 19.519, 353.983)

Have a look what the booklet for
CIELCh(87, 19.519, 353.983)
contains.

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Color

CIELCh(87, 19.643, 354.196)

Conversions

Conversions Part 1

Format	Color
Hex	FDCDDE
RGB	253, 205, 222
RGB Percent	99%, 80%, 87%
CMY	0.0068, 0.1950, 0.1284
CMYK	0.00, 0.19, 0.12, 0.01
HSL	339°, 93%, 90%
HSV	339°, 19%, 99%
XYZ	75.7181, 70.0064, 78.8117
YIQ	221.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

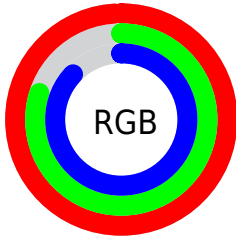
Format	Color
R _{YB}	253, 205, 222
Decimal	16633310
CIE Lab	87.00, 19.54, -1.99
CIE LCh	87, 19.643, 354.196
Yxy	70.0064, 0.3372, 0.3118
Android (android.graphics.Color)	4294823390 (0xFFFDCEDE)
YUV	221.2900, 0.3500, 27.8097
Hunter-Lab	83.6698, 15.1137, 2.7215

Details

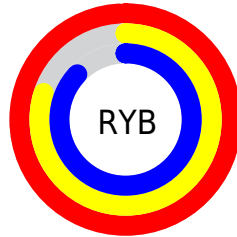
The CIELCh color **87, 19.643, 354.196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.773, 170.539**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 19.438, 354.535** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.401, 355.440**, and if you desaturate by 10%, it is **93, 9.123, 353.105**.

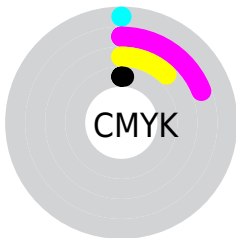
Distribution



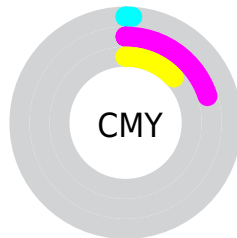
- Red (99%)
- Green (80%)
- Blue (87%)



- Red (99%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (20%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 19.643, 354.196 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 87, 19.643, 354.196 by changing the saturation by 10% instead.


 87, 19.643,
354.196


 87, 19.643,
354.196


 100, 19.643,
354.196


 77, 19.643,
354.196

 67, 19.643,
354.196

 57, 19.643,
354.196

 47, 19.643,
354.196

 37, 19.643,
354.196

 27, 19.643,
354.196

 17, 19.643,

354.196

■ 7, 19.643, 354.196

■ 0, 19.643, 354.196

■ 87, 19.643,
354.196

■ 87, 19.643,
354.196

■ 81, 30.401,
355.440

■ 93, 9.123, 353.105

■ 75, 41.206,
356.897

100, 0.602,
199.455

■ 69, 51.736,
358.654

100, 0.602,
200.469

■ 64, 61.551, 0.824

■ 60, 70.128, 3.557

■ 57, 76.991, 7.034

■ 55, 81.939, 11.423

■ 54, 85.363, 16.712

■ 54, 85.719, 17.276

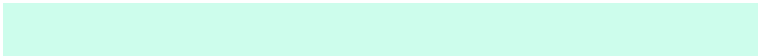
Harmonies

Complementary

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



87, 19.643, 354.196



96, 18.773, 170.539

Rectangle

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



87, 19.643, 354.196



87, 19.643, 44.196



87, 19.643, 174.196



87, 19.643, 224.196

Sweetspot

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



87, 19.640, 354.200



96, 6.115, 352.788



86, 27.377, 314.395



51, 4.061, 352.860



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 19.640, 354.200



85, 24.106, 354.680



88, 16.067, 32.358



50, 5.830, 353.164



40, 69.135, 16.234



10, 31.302, 8.666

Inverse Universe

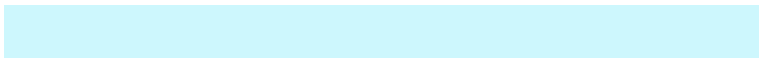
The Inverse Universe completely reimagines the original color for something new.



87, 19.640, 354.200



85, 24.106, 354.680



95, 14.115, 212.150



50, 5.830, 353.164



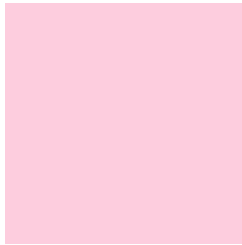
40, 69.135, 16.234



10, 31.302, 8.666

Previews

White Background



This preview shows how the CIELCh color 87, 19.643, 354.196 looks on a white background.

Color Contrast Check

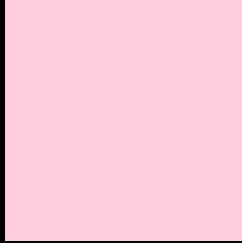
Large Text (above 18pt) WCAG AA × Fail

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 87, 19.643, 354.196 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 87, 19.643, 354.196

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.643, 354.196.



This preview shows how white text looks on a background with the CIELCh color 87, 19.643, 354.196.

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
87, 19.643, 354.196

Protanopia
87, 6.337, 297.092

Deuteranopia
87, 11.137, 352.296



Tritanopia
87, 19.440, 355.591

Trichromacy



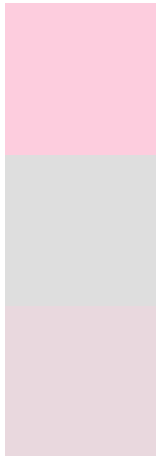
Original Color
87, 19.643, 354.196

Protanomaly
87, 9.803, 331.776

Deuteranomaly
87, 14.228, 354.423

Tritanomaly
87, 19.440, 355.591

Monochromacy



Original Color
87, 19.643, 354.196

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 6.922, 353.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.643, 354.196 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, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 205, 222)  
}
```

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, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 205, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.643, 354.196 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, 205, 222) }
```

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

```
.border{ border-color:rgb(253, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 205,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.643, 354.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 205, 222) }
```

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

```
.background{ background-color: rgb(253,  
205, 222) }
```

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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