

Converting Colors

CIELCh(100, 63.147, 9.397)

Have a look what the booklet for
CIELCh(100, 63.147, 9.397) contains.

CIELCh(87, 25.389, 337.127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 25.389, 337.127)

Conversions

Conversions Part 1

Format	Color
Hex	FECBED
RGB	254, 203, 237
RGB Percent	100%, 80%, 93%
CMY	0.0034, 0.2033, 0.0700
CMYK	0.00, 0.20, 0.07, 0.00
HSL	320°, 97%, 90%
HSV	320°, 20%, 100%
XYZ	77.6208, 70.0064, 89.6517
YIQ	222.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

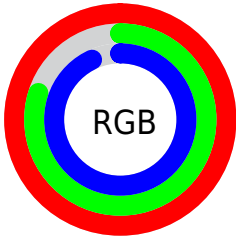
Format	Color
RYB	254, 203, 237
Decimal	16698349
CIELab	87.00, 23.39, -9.87
CIElCh	87, 25.389, 337.127
Yxy	70.0064, 0.3271, 0.2950
Android (android.graphics.Color)	4294888429 (0xFFFECEBED)
YUV	222.1250, 7.3334, 27.9544
Hunter-Lab	83.6698, 19.1728, -4.9600

Details

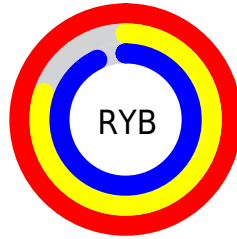
The CIELCh color **87, 25.389, 337.127** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 25.128, 154.105**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 25.118, 337.450** is the 20% darker color. If you saturate the color by 10%, you get **81, 38.103, 337.956**, and if you desaturate by 10%, it is **93, 12.644, 336.348**.

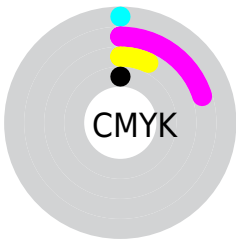
Distribution



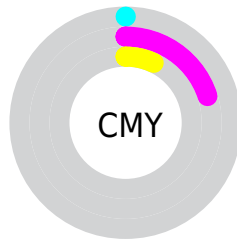
- Red (100%)
- Green (80%)
- Blue (93%)



- Red (100%)
- Yellow (80%)
- Blue (93%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 25.389, 337.127 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, 25.389, 337.127 by changing the saturation by 10% instead.


 87, 25.389,
337.127


 87, 25.389,
337.127


 100, 25.389,
337.127


 77, 25.389,
337.127

 67, 25.389,
337.127

 57, 25.389,
337.127

 47, 25.389,
337.127

 37, 25.389,
337.127

 27, 25.389,
337.127

 17, 25.389,

337.127

■ 7, 25.389, 337.127

■ 0, 25.389, 337.127

■ 87, 25.389,
337.127

■ 87, 25.389,
337.127

■ 81, 38.103,
337.956

■ 93, 12.644,
336.348

■ 75, 50.492,
338.854

100, 0.075,
330.060

■ 70, 62.121,
339.843

100, 0.303,
201.575

■ 66, 72.427,
340.958

■ 62, 80.772,

342.248

■ 59, 86.567,
343.785

■ 57, 89.483,
345.662

■ 56, 89.879,
347.925

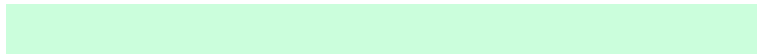
Harmonies

Complementary

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



87, 25.389, 337.127



96, 25.128, 154.105

Rectangle

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



87, 25.389, 337.127



87, 25.389, 27.127



87, 25.389, 157.127



87, 25.389, 207.127

Sweetspot

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



87, 25.386, 337.128



96, 7.542, 336.031



85, 27.531, 303.680



51, 5.006, 336.084



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, 25.386, 337.128



85, 30.508, 337.448



86, 19.536, 6.556



50, 7.168, 336.306



42, 72.821, 347.474



11, 34.338, 344.438

Inverse Universe

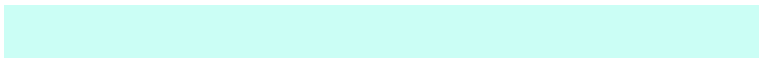
The Inverse Universe completely reimagines the original color for something new.



87, 25.386, 337.128



85, 30.508, 337.448



96, 17.926, 182.748



50, 7.168, 336.306



42, 72.821, 347.474



11, 34.338, 344.438

Previews

White Background



This preview shows how the CIELCh color 87, 25.389, 337.127 looks on a white background.

Color Contrast Check

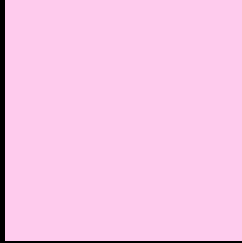
Large Text (above 18pt) WCAG AA × Fail

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, 25.389, 337.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

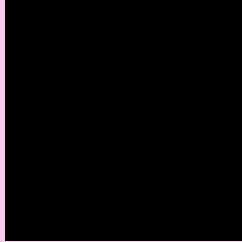
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 25.389, 337.127

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.389, 337.127.



This preview shows how white text looks on a background with the CIELCh color 87, 25.389, 337.127.

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, 25.408, 337.133

Protanopia
87, 15.197, 287.602

Deuteranopia
87, 13.854, 320.012

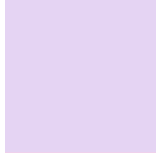


Tritanopia
87, 18.757, 354.534

Trichromacy



Original Color
87, 25.408, 337.133



Protanomaly
87, 17.362, 311.292



Deuteranomaly
87, 17.745, 327.984

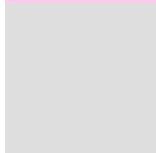


Tritanomaly
87, 21.102, 346.485

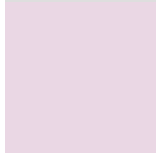
Monochromacy



Original Color
87, 25.408, 337.133



Achromatopsia
88, 0.011, 296.813



Achromatomaly
88, 9.657, 335.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.389, 337.127 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(254, 203, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 237)  
}
```

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(254, 203, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.389, 337.127 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(254, 203, 237) }
```

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

```
.border{ border-color:rgb(254, 203, 237) }
```

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

Here you see how a box with a 4 pixel rgb(254, 203, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.389, 337.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 237) }
```

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

```
.background{ background-color: rgb(254,  
203, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor