

Converting Colors

CIELCh(88, 25.487, 348.884)

Have a look what the booklet for
CIELCh(88, 25.487, 348.884)
contains.

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Color

CIELCh(87, 23.137, 343.809)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE7
RGB	255, 204, 231
RGB Percent	100%, 80%, 91%
CMY	0.0012, 0.2011, 0.0953
CMYK	0.00, 0.20, 0.09, 0.00
HSL	328°, 99%, 90%
HSV	328°, 20%, 100%
XYZ	77.0376, 70.0064, 84.8381
YIQ	222.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

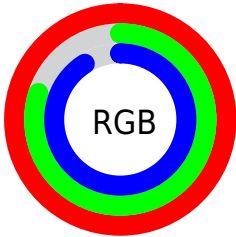
Format	Color
R_{YB}	255, 204, 231
Decimal	16764135
CIE Lab	87.00, 22.22, -6.45
CIE LCh	87, 23.137, 343.809
Yxy	70.0064, 0.3322, 0.3019
Android (android.graphics.Color)	4294954215 (0xFFFFCCE7)
YUV	222.3270, 4.2758, 28.6542
Hunter-Lab	83.6698, 17.9288, -1.5490

Details

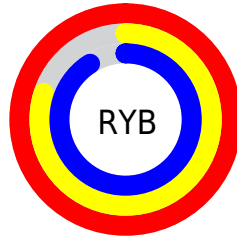
The CIELCh color `87, 23.137, 343.809` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `96, 22.633, 160.372`, and the grayscale version is `88, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 22.774, 344.658` is the 20% darker color. If you saturate the color by 10%, you get `81, 34.865, 344.830`, and if you desaturate by 10%, it is `93, 11.465, 342.884`.

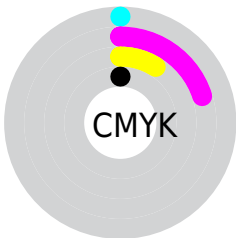
Distribution



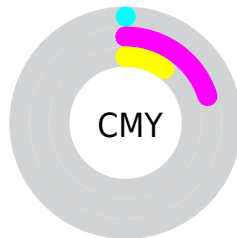
- Red (100%)
- Green (80%)
- Blue (91%)



- Red (100%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.137, 343.809 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, 23.137, 343.809 by changing the saturation by 10% instead.

 87, 23.137,
343.809

 87, 23.137,
343.809


 100, 23.137,
343.809


 77, 23.137,
343.809

 67, 23.137,
343.809

 57, 23.137,
343.809

 47, 23.137,
343.809

 37, 23.137,
343.809

 27, 23.137,
343.809

 17, 23.137,

343.809

■ 7, 23.137, 343.809

■ 0, 23.137, 343.809

■ 87, 23.137,
343.809

■ 87, 23.137,
343.809

■ 81, 34.865,
344.830

■ 93, 11.465,
342.884

■ 75, 46.390,
345.983

100, 0.028,
324.656

■ 70, 57.310,
347.317

100, 0.103,
205.833

■ 65, 67.099,
348.903

■ 61, 75.143,

350.840

■ 58, 80.882,
353.262

■ 56, 84.026,
356.327

■ 55, 84.998, 0.102

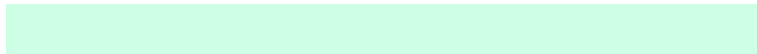
Harmonies

Complementary

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



87, 23.137, 343.809



96, 22.633, 160.372

Rectangle

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



87, 23.137, 343.809



87, 23.137, 33.809



87, 23.137, 163.809



87, 23.137, 213.809

Sweetspot

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



87, 23.134, 343.811



96, 6.844, 342.517



85, 28.142, 308.880



51, 4.543, 342.578



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, 23.134, 343.811



85, 27.839, 344.204



86, 19.221, 18.238



50, 6.511, 342.838



41, 68.653, 359.339



11, 32.177, 354.202

Inverse Universe

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



87, 23.134, 343.811



85, 27.839, 344.204



97, 16.968, 195.418



50, 6.511, 342.838



41, 68.653, 359.339



11, 32.177, 354.202

Previews

White Background



This preview shows how the CIELCh color 87, 23.137, 343.809 looks on a white background.

Color Contrast Check

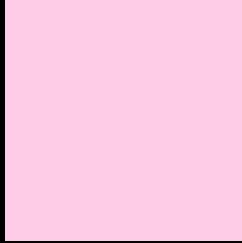
Large Text (above 18pt) WCAG AA × Fail

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, 23.137, 343.809 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, 23.137, 343.809

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.137, 343.809.



This preview shows how white text looks on a background with the CIELCh color 87, 23.137, 343.809.

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, 23.137, 343.809

Protanopia
87, 11.519, 289.425

Deuteranopia
87, 11.923, 332.072



Tritanopia
87, 19.440, 355.591

Trichromacy



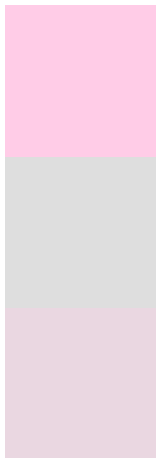
Original Color
87, 23.137, 343.809

Protanomaly
87, 14.148, 317.715

Deuteranomaly
87, 16.181, 337.968

Tritanomaly
87, 20.639, 350.760

Monochromacy



Original Color
87, 23.137, 343.809

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 8.640, 342.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.137, 343.809 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(255, 204, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 231)  
}
```

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(255, 204, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.137, 343.809 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(255, 204, 231) }
```

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

```
.border{ border-color:rgb(255, 204, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.137, 343.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 231) }
```

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

```
.background{ background-color: rgb(255,  
204, 231) }
```

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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