

Converting Colors

CIELCh(87, 25.678, 336.419)

Have a look what the booklet for
CIELCh(87, 25.678, 336.419)
contains.

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Color

CIELCh(87, 25.757, 336.281)

Conversions

Conversions Part 1

Format	Color
Hex	FECBEE
RGB	254, 203, 238
RGB Percent	100%, 80%, 93%
CMY	0.0036, 0.2036, 0.0664
CMYK	0.00, 0.20, 0.06, 0.00
HSL	319°, 96%, 90%
HSV	319°, 20%, 100%
XYZ	77.7148, 70.0064, 90.3600
YIQ	222.2390, 19.1610, 21.6970

Conversions

Conversions Part 2

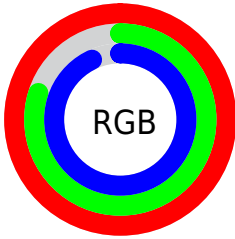
Format	Color
RYB	254, 203, 238
Decimal	16698350
CIELab	87.00, 23.58, -10.36
CIELCh	87, 25.757, 336.281
Yxy	70.0064, 0.3264, 0.2940
Android (android.graphics.Color)	4294888430 (0xFFFECEBEE)
YUV	222.2390, 7.7702, 27.8544
Hunter-Lab	83.6698, 19.3734, -5.4619

Details

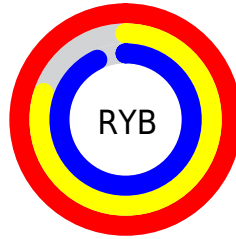
The CIELCh color $87, 25.757, 336.281$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 25.522, 153.311$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 25.481, 336.537$ is the 20% darker color. If you saturate the color by 10%, you get $81, 38.629, 337.086$, and if you desaturate by 10%, it is $93, 12.844, 335.521$.

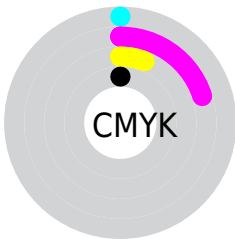
Distribution



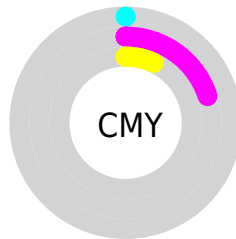
- Red (100%)
- Green (80%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 25.757, 336.281 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, 25.757, 336.281 by changing the saturation by 10% instead.


 87, 25.757,
336.281


 87, 25.757,
336.281


 100, 25.757,
336.281


 77, 25.757,
336.281

 67, 25.757,
336.281

 57, 25.757,
336.281

 47, 25.757,
336.281

 37, 25.757,
336.281

 27, 25.757,
336.281

 17, 25.757,

336.281

■ 7, 25.757, 336.281

■ 0, 25.757, 336.281

■ 87, 25.757,
336.281

■ 87, 25.757,
336.281

■ 81, 38.629,
337.086

■ 93, 12.844,
335.521

■ 75, 51.161,
337.951

100, 0.100,
330.758

■ 70, 62.913,
338.897

100, 0.322,
201.445

■ 66, 73.319,
339.952

■ 62, 81.740,

341.161

■ 59, 87.586,
342.588

■ 57, 90.527,
344.315

■ 56, 90.923,
346.380

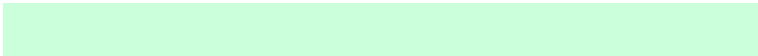
Harmonies

Complementary

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



87, 25.757, 336.281



95, 25.522, 153.311

Rectangle

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



87, 25.757, 336.281



87, 25.757, 26.281



87, 25.757, 156.281



87, 25.757, 206.281

Sweetspot

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



87, 25.754, 336.282



96, 7.649, 335.209



84, 27.500, 303.096



51, 5.076, 335.261



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, 25.754, 336.282



85, 30.921, 336.592



86, 19.639, 5.297



50, 7.268, 335.478



42, 73.678, 345.969



11, 34.729, 343.201

Inverse Universe

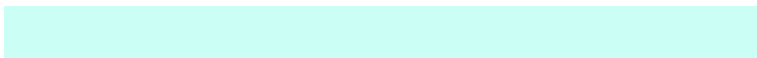
The Inverse Universe completely reimagines the original color for something new.



87, 25.754, 336.282



85, 30.921, 336.592



96, 18.094, 181.434



50, 7.268, 335.478



42, 73.678, 345.969



11, 34.729, 343.201

Previews

White Background



This preview shows how the CIELCh color 87, 25.757, 336.281 looks on a white background.

Color Contrast Check

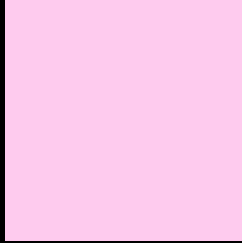
Large Text (above 18pt) WCAG AA × Fail

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, 25.757, 336.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

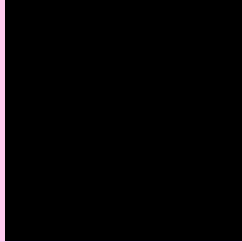
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 25.757, 336.281

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.757, 336.281.



This preview shows how white text looks on a background with the CIELCh color 87, 25.757, 336.281.

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, 25.757, 336.281

Protanopia

87, 15.718, 287.779

Deuteranopia

87, 14.310, 318.994



Tritanopia
87, 18.757, 354.534

Trichromacy



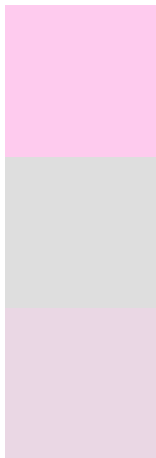
Original Color
87, 25.757, 336.281

Protanomaly
87, 17.853, 310.729

Deuteranomaly
87, 18.159, 326.983

Tritanomaly
87, 21.102, 346.485

Monochromacy



Original Color
87, 25.757, 336.281

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, 25.757, 336.281 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.757, 336.281 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, 238) }
```

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

```
.border{ border-color:rgb(254, 203, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 203, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 203, 238); box-shadow:4px 4px 4px 4px rgb(254, 203, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.757, 336.281 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, 238) }
```

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

```
.background{ background-color: rgb(254,  
203, 238) }
```

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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