

Converting Colors

CIELCh(85, 21.442, 330.346)

Have a look what the booklet for
CIELCh(85, 21.442, 330.346)
contains.

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Color

CIELCh(85, 21.622, 330.055)

Conversions

Conversions Part 1

Format	Color
Hex	EFC9E9
RGB	239, 201, 233
RGB Percent	94%, 79%, 91%
CMY	0.0627, 0.2117, 0.0863
CMYK	0.00, 0.16, 0.03, 0.06
HSL	309°, 54%, 86%
HSV	309°, 16%, 94%
XYZ	71.1913, 66.0070, 86.0793
YIQ	216.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

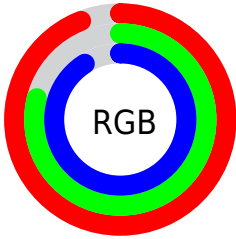
Format	Color
R_{YB}	239, 201, 233
Decimal	15714793
CIE _{Lab}	85.00, 18.74, -10.79
CIE _{LCh}	85, 21.622, 330.055
Yxy	66.0070, 0.3188, 0.2956
Android (android.graphics.Color)	4293904873 (0xFFEFC9E9)
YUV	216.0100, 8.3761, 20.1622
Hunter-Lab	81.2447, 14.2337, -5.9469

Details

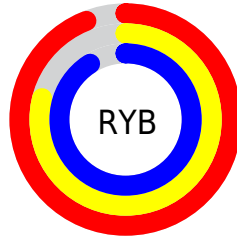
The CIELCh color $85, 21.622, 330.055$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91, 21.561, 148.051$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 21.428, 330.573$ is the 20% darker color. If you saturate the color by 10%, you get $79, 35.276, 330.693$, and if you desaturate by 10%, it is $91, 7.975, 329.414$.

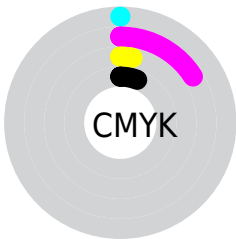
Distribution



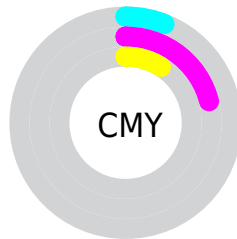
- Red (94%)
- Green (79%)
- Blue (91%)



- Red (94%)
- Yellow (79%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.622, 330.055 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 85, 21.622, 330.055 by changing the saturation by 10% instead.


 85, 21.622,
330.055


 85, 21.622,
330.055


 100, 21.622,
330.055


 75, 21.622,
330.055

 65, 21.622,
330.055

 55, 21.622,
330.055

 45, 21.622,
330.055

 35, 21.622,
330.055

 25, 21.622,
330.055

 15, 21.622,

330.055

■ 5, 21.622, 330.055

■ 0, 21.622, 330.055

■ 85, 21.622,
330.055

■ 85, 21.622,
330.055

■ 79, 35.276,
330.693

■ 91, 7.975, 329.414

■ 74, 48.669,
331.339

■ 97, 5.476, 148.924

■ 69, 61.407,
331.991

■ 99, 7.851, 155.242

■ 65, 72.980,
332.649

■ 99, 6.623, 167.051

■ 61, 82.793,

■ 99, 5.779, 183.144

■ 99, 5.501, 199.177

333.315

■ 58, 90.260,
333.999

■ 56, 94.960,
334.720

■ 55, 96.830,
335.506

■ 55, 97.075,
335.846

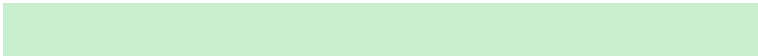
Harmonies

Complementary

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



85, 21.622, 330.055



91, 21.561, 148.051

Rectangle

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



85, 21.622, 330.055



85, 21.622, 20.055



85, 21.622, 150.055



85, 21.622, 200.055

Sweetspot

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



85, 21.619, 330.056



97, 7.121, 329.353



83, 20.281, 297.377



51, 4.861, 329.402



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 21.619, 330.056



88, 27.260, 330.257



84, 15.606, 354.118



47, 7.719, 329.648



42, 79.823, 335.698



9, 35.439, 334.502

Inverse Universe

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



85, 21.619, 330.056



88, 27.260, 330.257



92, 15.021, 171.126



47, 7.719, 329.648



42, 79.823, 335.698



9, 35.439, 334.502

Previews

White Background



This preview shows how the CIELCh color 85, 21.622, 330.055 looks on a white background.

Color Contrast Check

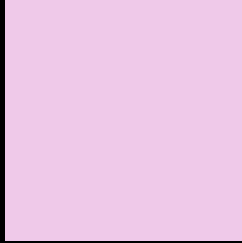
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.622, 330.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

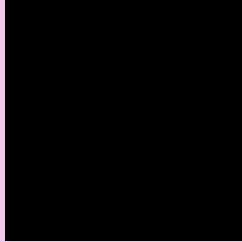
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.622, 330.055

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.622, 330.055.



This preview shows how white text looks on a background with the CIELCh color 85, 21.622, 330.055.

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





Tritanopia
85, 14.975, 346.508

Trichromacy



Original Color
85, 21.622, 330.055

Protanomaly
85, 16.414, 306.152

Deuteranomaly
85, 16.624, 321.946

Tritanomaly
85, 17.418, 339.257

Monochromacy



Original Color
85, 21.622, 330.055

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.466, 329.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.622, 330.055 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(239, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 233)  
}
```

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(239, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.622, 330.055 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(239, 201, 233) }
```

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

```
.border{ border-color:rgb(239, 201, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.622, 330.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 233) }
```

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

```
.background{ background-color: rgb(239,  
201, 233) }
```

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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