

Converting Colors

CIECh(85, 24.102, 319.047)

Have a look what the booklet for
CIELCh(85, 24.102, 319.047)
contains.

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Color

CIELCh(85, 23.915, 319.540)

Conversions

Conversions Part 1

Format	Color
Hex	EACAF2
RGB	234, 202, 242
RGB Percent	92%, 79%, 95%
CMY	0.0831, 0.2086, 0.0518
CMYK	0.03, 0.17, 0.00, 0.05
HSL	288°, 60%, 87%
HSV	288°, 17%, 95%
XYZ	70.9378, 66.0070, 92.8486
YIQ	216.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

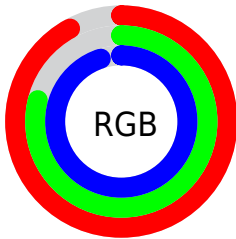
Format	Color
RYB	234, 202, 242
Decimal	15387378
CIELab	85.00, 18.20, -15.52
CIELCh	85, 23.915, 319.540
Yxy	66.0070, 0.3087, 0.2872
Android (android.graphics.Color)	4293577458 (0xFFEACAF2)
YUV	216.1280, 12.7549, 15.6737
Hunter-Lab	81.2447, 13.6767, -10.8869

Details

The CIELCh color **85, 23.915, 319.540** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92, 23.718, 138.011**, 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, 23.861, 319.382** is the 20% darker color. If you saturate the color by 10%, you get **79, 38.580, 319.993**, and if you desaturate by 10%, it is **91, 9.376, 319.074**.

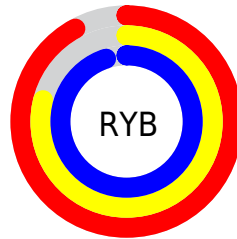
Distribution



Red (92%)

Green (79%)

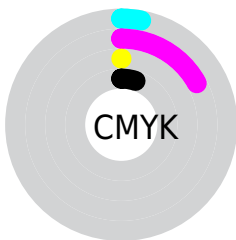
Blue (95%)



Red (92%)

Yellow (79%)

Blue (95%)

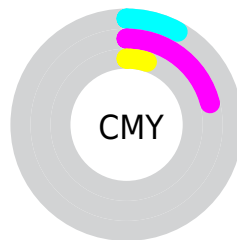


Cyan (3%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (8%)


Magenta (21%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.915, 319.540 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, 23.915, 319.540 by changing the saturation by 10% instead.


 85, 23.915,
319.540


 85, 23.915,
319.540


 100, 23.915,
319.540


 75, 23.915,
319.540

 65, 23.915,
319.540

 55, 23.915,
319.540

 45, 23.915,
319.540

 35, 23.915,
319.540

 25, 23.915,
319.540

 15, 23.915,

319.540

■ 5, 23.915, 319.540

■ 0, 23.915, 319.540

■ 85, 23.915,
319.540

■ 85, 23.915,
319.540

■ 79, 38.580,
319.993

■ 91, 9.376, 319.074

■ 98, 4.892, 138.712

■ 73, 53.159,
320.427

■ 99, 7.120, 129.096

■ 67, 67.313,
320.817

■ 100, 6.721,
115.286

■ 62, 80.570,
321.131

■ 100, 6.680,
109.667

■ 58, 92.319,

321.326

■ 54, 101.874,
321.358

■ 52, 108.630,
321.179

■ 50, 112.331,
320.762

■ 49, 113.180,
320.585

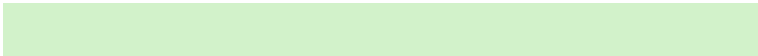
Harmonies

Complementary

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



85, 23.915, 319.540



92, 23.718, 138.011

Rectangle

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



85, 23.915, 319.540



85, 23.915, 9.540



85, 23.915, 139.540



85, 23.915, 189.540

Sweetspot

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



85, 23.912, 319.540



97, 7.476, 318.999



85, 16.688, 281.530



51, 5.103, 319.034



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, 23.912, 319.540



87, 30.261, 319.701



85, 20.791, 334.743



47, 8.111, 319.213



37, 92.017, 320.706



8, 39.984, 321.680

Inverse Universe

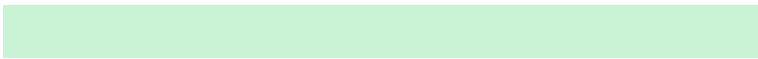
The Inverse Universe completely reimagines the original color for something new.



85, 15.406, 4.865



87, 19.623, 5.286



92, 20.657, 152.425



47, 5.160, 4.075



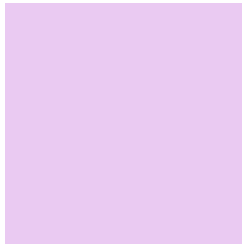
38, 72.593, 29.423



8, 29.003, 15.561

Previews

White Background



This preview shows how the CIELCh color 85, 23.915, 319.540 looks on a white background.

Color Contrast Check

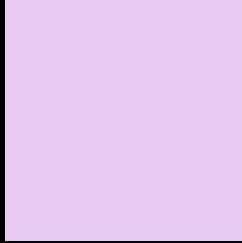
Large Text (above 18pt) WCAG AA × Fail

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, 23.915, 319.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

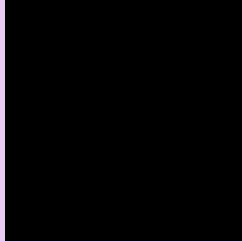
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 23.915, 319.540

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.915, 319.540.



This preview shows how white text looks on a background with the CIELCh color 85, 23.915, 319.540.

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

85, 23.915, 319.540

Protanopia

85, 19.502, 286.911

Deuteranopia

85, 18.535, 305.612



Tritanopia
85, 12.648, 338.737

Trichromacy



Original Color
85, 23.915, 319.540

Protanomaly
85, 20.252, 299.537

Deuteranomaly
85, 20.282, 311.636

Tritanomaly
85, 16.569, 328.175

Monochromacy



Original Color
85, 23.915, 319.540

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.380, 318.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.915, 319.540 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(234, 202, 242)` looks like.

```
.text, #text, p{  
    color:rgb(234, 202, 242)  
}
```

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(234, 202, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 202, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.915, 319.540 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(234, 202, 242) }
```

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

```
.border{ border-color:rgb(234, 202, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 202, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 202, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 202, 242);  
box-shadow:4px 4px 4px 4px rgb(234, 202,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.915, 319.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 202, 242) }
```

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

```
.background{ background-color: rgb(234,  
202, 242) }
```

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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