

Converting Colors

CIELCh(83, 35.852, 314.602)

Have a look what the booklet for
CIELCh(83, 35.852, 314.602)
contains.

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Color

CIELCh(83, 36.095, 314.710)

Conversions

Conversions Part 1

Format	Color
Hex	E8C0FF
RGB	232, 192, 255
RGB Percent	91%, 75%, 100%
CMY	0.0897, 0.2465, 0.0000
CMYK	0.09, 0.25, 0.00, 0.00
HSL	278°, 100%, 88%
HSV	278°, 25%, 100%
XYZ	70.2721, 62.1629, 103.0165
YIQ	211.1420, 3.6170, 28.0730

Conversions

Conversions Part 2

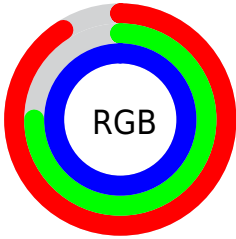
Format	Color
R _Y B	232, 192, 255
Decimal	15253759
CIE Lab	83.00, 25.39, -25.65
CIE LCh	83, 36.095, 314.710
Yxy	62.1629, 0.2985, 0.2640
Android (android.graphics.Color)	4293443839 (0xFFE8C0FF)
YUV	211.1420, 21.6220, 18.2925
Hunter-Lab	78.8435, 21.1184, -22.2775

Details

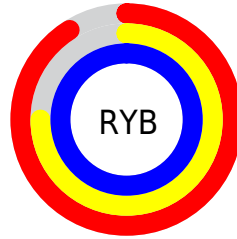
The CIELCh color **83, 36.095, 314.710** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 35.190, 132.560**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **63, 36.194, 314.894** is the 20% darker color. If you saturate the color by 10%, you get **76, 51.007, 315.207**, and if you desaturate by 10%, it is **90, 21.196, 314.298**.

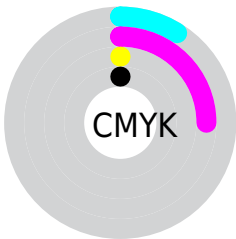
Distribution



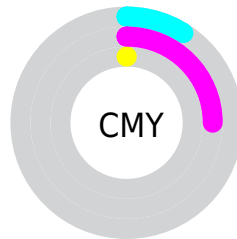
- Red (91%)
- Green (75%)
- Blue (100%)



- Red (91%)
- Yellow (75%)
- Blue (100%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 36.095, 314.710 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 83, 36.095, 314.710 by changing the saturation by 10% instead.


 83, 36.095,
314.710


 83, 36.095,
314.710


 100, 36.095,
314.710


 73, 36.095,
314.710

 63, 36.095,
314.710

 53, 36.095,
314.710

 43, 36.095,
314.710

 33, 36.095,
314.710

 23, 36.095,
314.710

 13, 36.095,

314.710

■ 3, 36.095, 314.710

■ 0, 36.095, 314.710

■ 83, 36.095,
314.710

■ 83, 36.095,
314.710

■ 76, 51.007,
315.207

■ 90, 21.196,
314.298

■ 70, 65.895,
315.640

■ 97, 6.656, 313.847

■ 64, 80.304,
316.013

100, 0.012,
296.813

■ 58, 93.663,
316.273

■ 53, 105.204,

316.348

■ 49, 114.067,
316.157

■ 47, 119.591,
315.624

■ 46, 121.415,
315.225

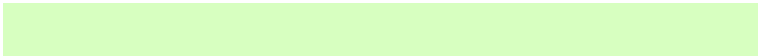
Harmonies

Complementary

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



83, 36.095, 314.710



96, 35.190, 132.560

Rectangle

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



83, 36.095, 314.710



83, 36.095, 4.710



83, 36.095, 134.710



83, 36.095, 184.710

Sweetspot

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



83, 36.027, 314.752



95, 10.037, 313.956



86, 21.968, 272.120



50, 6.526, 313.983



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 36.027, 314.752



79, 44.031, 314.997



85, 36.002, 329.790



49, 8.176, 314.068



34, 97.667, 315.408



7, 44.498, 316.694

Inverse Universe

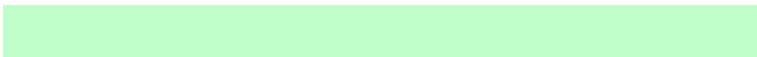
The Inverse Universe completely reimagines the original color for something new.



84, 26.017, 354.247



81, 31.847, 354.938



95, 35.924, 146.557



50, 5.862, 352.539



40, 68.926, 15.317



10, 31.290, 7.878

Previews

White Background



This preview shows how the CIELCh color 83, 36.095, 314.710 looks on a white background.

Color Contrast Check

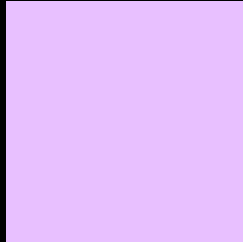
Large Text (above 18pt) WCAG AA × Fail

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 83, 36.095, 314.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

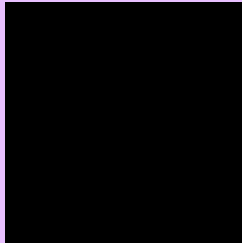
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 36.095, 314.710

Background



This preview shows how black text looks on a background with the CIELCh color 83, 36.095, 314.710.



This preview shows how white text looks on a background with the CIELCh color 83, 36.095, 314.710.

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
83, 12.988, 339.871

Trichromacy



Original Color
83, 36.095, 314.710

Protanomaly
83, 29.356, 298.417

Deuteranomaly
83, 30.257, 302.744

Tritanomaly
83, 20.690, 323.529

Monochromacy



Original Color
83, 36.095, 314.710

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 13.318, 314.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 36.095, 314.710 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(232, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 255)  
}
```

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(232, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 36.095, 314.710 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(232, 192, 255) }
```

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

```
.border{ border-color:rgb(232, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 192, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 192, 255); box-shadow:4px 4px 4px 4px rgb(232, 192, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 36.095, 314.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 255) }
```

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

```
.background{ background-color: rgb(232,  
192, 255) }
```

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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