

Converting Colors

CIELCh(83, 37.544, 318.643)

Have a look what the booklet for
CIELCh(83, 37.544, 318.643)
contains.

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Color

CIELCh(83, 37.651, 318.392)

Conversions

Conversions Part 1

Format	Color
Hex	EEBEFE
RGB	238, 190, 254
RGB Percent	93%, 75%, 100%
CMY	0.0666, 0.2549, 0.0039
CMYK	0.06, 0.25, 0.00, 0.00
HSL	285°, 97%, 87%
HSV	285°, 25%, 100%
XYZ	71.5661, 62.1629, 101.9960
YIQ	211.6480, 8.0640, 30.0800

Conversions

Conversions Part 2

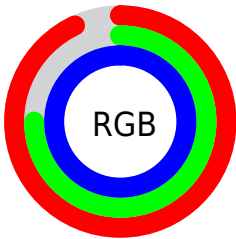
Format	Color
R _Y B	238, 190, 254
Decimal	15646462
CIE Lab	83.00, 28.15, -25.00
CIE LCh	83, 37.651, 318.392
Yxy	62.1629, 0.3036, 0.2637
Android (android.graphics.Color)	4293836542 (0xFFEEBEFE)
YUV	211.6480, 20.8795, 23.1107
Hunter-Lab	78.8435, 24.0481, -21.5102

Details

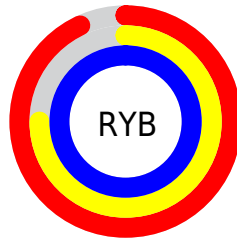
The CIELCh color $83, 37.651, 318.392$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 37.077, 136.057$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $63, 37.631, 318.240$ is the 20% darker color. If you saturate the color by 10%, you get $77, 52.758, 318.826$, and if you desaturate by 10%, it is $90, 22.543, 317.944$.

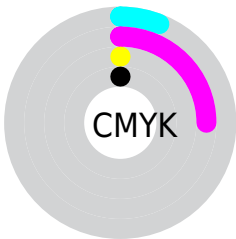
Distribution



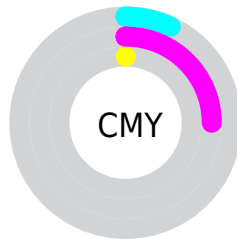
- Red (93%)
- Green (75%)
- Blue (100%)



- Red (93%)
- Yellow (75%)
- Blue (100%)



- Cyan (6%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 37.651, 318.392 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, 37.651, 318.392 by changing the saturation by 10% instead.


 83, 37.651,
318.392


 83, 37.651,
318.392


 100, 37.651,
318.392


 73, 37.651,
318.392

 63, 37.651,
318.392

 53, 37.651,
318.392

 43, 37.651,
318.392

 33, 37.651,
318.392

 23, 37.651,
318.392

 13, 37.651,

318.392

■ 3, 37.651, 318.392

■ 0, 37.651, 318.392

■ 83, 37.651,
318.392

■ 83, 37.651,
318.392

■ 77, 52.758,
318.826

■ 90, 22.543,
317.944

■ 71, 67.565,
319.222

■ 96, 7.635, 317.487

■ 65, 81.617,
319.546

100, 0.493,
109.984

■ 60, 94.300,
319.753

■ 56, 104.878,

319.788

■ 53, 112.633,
319.594

■ 50, 117.146,
319.126

■ 50, 118.443,
318.827

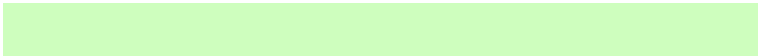
Harmonies

Complementary

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



83, 37.651, 318.392



95, 37.077, 136.057

Rectangle

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



83, 37.651, 318.392



83, 37.651, 8.392



83, 37.651, 138.392



83, 37.651, 188.392

Sweetspot

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



83, 37.649, 318.392



95, 11.827, 317.619



83, 25.739, 280.828



50, 8.417, 317.688



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, 37.649, 318.392



80, 45.067, 318.603



84, 33.823, 334.047



50, 8.417, 317.688



37, 95.613, 318.971



9, 43.773, 319.993

Inverse Universe

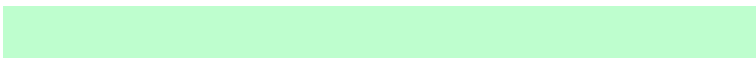
The Inverse Universe completely reimagines the original color for something new.



83, 25.306, 2.249



80, 30.495, 2.924



94, 33.599, 150.417



50, 5.536, 0.372



40, 72.625, 25.624



10, 31.700, 15.991

Previews

White Background



This preview shows how the CIELCh color 83, 37.651, 318.392 looks on a white background.

Color Contrast Check

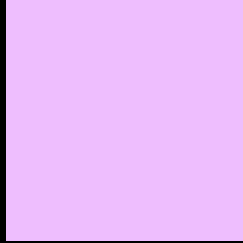
Large Text (above 18pt) WCAG AA × Fail

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, 37.651, 318.392 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, 37.651, 318.392

Background



This preview shows how black text looks on a background with the CIELCh color 83, 37.651, 318.392.



This preview shows how white text looks on a background with the CIELCh color 83, 37.651, 318.392.

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, 14.767, 348.251

Trichromacy



Original Color
83, 37.651, 318.392



Protanomaly
83, 29.433, 299.697



Deuteranomaly
83, 29.932, 304.803

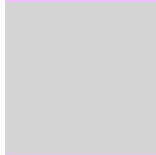


Tritanomaly
83, 22.349, 329.966

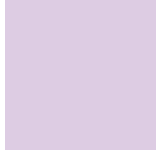
Monochromacy



Original Color
83, 37.651, 318.392



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 13.618, 317.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 37.651, 318.392 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(238, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 190, 254)  
}
```

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(238, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 190, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 37.651, 318.392 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(238, 190, 254) }
```

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

```
.border{ border-color:rgb(238, 190, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 190, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 190, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 190, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 190,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 37.651, 318.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 190, 254) }
```

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

```
.background{ background-color: rgb(238,  
190, 254) }
```

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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