

Converting Colors

CIELCh(84, 28.232, 322.381)

Have a look what the booklet for
CIELCh(84, 28.232, 322.381)
contains.

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Color

CIELCh(84, 28.235, 322.382)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4F2
RGB	237, 196, 242
RGB Percent	93%, 77%, 95%
CMY	0.0696, 0.2304, 0.0500
CMYK	0.02, 0.19, 0.00, 0.05
HSL	293°, 64%, 86%
HSV	293°, 19%, 95%
XYZ	70.8714, 64.0658, 92.8361
YIQ	213.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

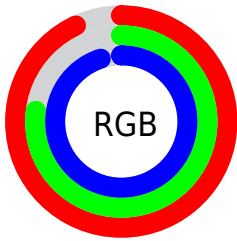
Format	Color
R _{YB}	237, 196, 242
Decimal	15582450
CIE Lab	84.00, 22.36, -17.23
CIE LCh	84, 28.235, 322.382
Yxy	64.0658, 0.3111, 0.2813
Android (android.graphics.Color)	4293772530 (0xFFEDC4F2)
YUV	213.5030, 14.0490, 20.6069
Hunter-Lab	80.0411, 17.9788, -12.7390

Details

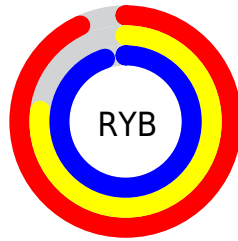
The CIELCh color `84, 28.235, 322.382` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `92, 28.094, 140.425`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.250, 324.238`, and `64, 28.377, 322.444` is the 20% darker color. If you saturate the color by 10%, you get `78, 43.181, 322.863`, and if you desaturate by 10%, it is `90, 13.285, 321.884`.

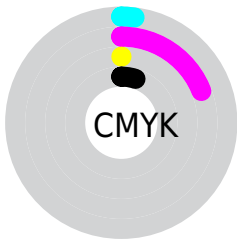
Distribution



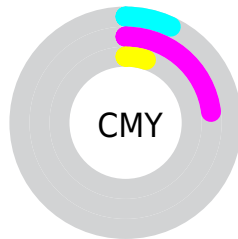
- Red (93%)
- Green (77%)
- Blue (95%)



- Red (93%)
- Yellow (77%)
- Blue (95%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (23%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.235, 322.382 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 84, 28.235, 322.382 by changing the saturation by 10% instead.

 84, 28.235,
322.382

 84, 28.235,
322.382

 100, 28.235,
322.382

 74, 28.235,
322.382

 64, 28.235,
322.382

 54, 28.235,
322.382

 44, 28.235,
322.382

 34, 28.235,
322.382

 24, 28.235,
322.382

 14, 28.235,

322.382

■ 4, 28.235, 322.382

■ 0, 28.235, 322.382

■ 84, 28.235,
322.382

■ 84, 28.235,
322.382

■ 78, 43.181,
322.863

■ 90, 13.285,
321.884

■ 73, 57.841,
323.316

■ 96, 1.467, 141.605

■ 99, 7.375, 137.797

■ 68, 71.797,
323.718

■ 99, 6.971, 131.154

■ 63, 84.511,
324.042


■ 99, 6.673, 123.769


■ 59, 95.352,


■ 100, 6.496,


324.256


115.801

 56, 103.705,
324.330

 100, 6.450,
109.684

 54, 109.152,
324.240

 53, 111.823,
323.989

 53, 112.031,
323.960

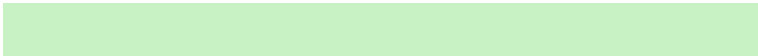
Harmonies

Complementary

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



84, 28.235, 322.382



92, 28.094, 140.425

Rectangle

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



84, 28.235, 322.382



84, 28.235, 12.382



84, 28.235, 142.382



84, 28.235, 192.382

Sweetspot

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



84, 28.232, 322.382



96, 9.223, 321.730



82, 21.591, 287.310



51, 6.120, 321.765



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 28.232, 322.382



85, 35.694, 322.580



84, 22.328, 339.320



48, 8.473, 321.910



41, 91.921, 324.027



9, 40.812, 324.570

Inverse Universe

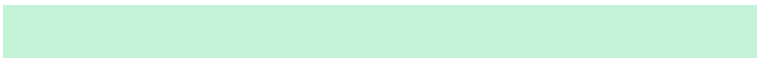
The Inverse Universe completely reimagines the original color for something new.



83, 17.497, 12.196



85, 22.372, 12.680



92, 22.038, 156.346



48, 5.122, 11.188



39, 77.895, 35.416



8, 30.394, 20.605

Previews

White Background



This preview shows how the CIELCh color 84, 28.235, 322.382 looks on a white background.

Color Contrast Check

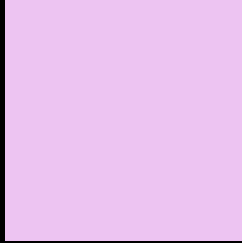
Large Text (above 18pt) WCAG AA × Fail

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 84, 28.235, 322.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

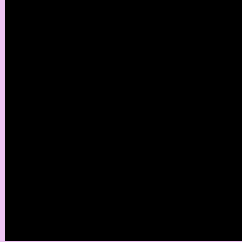
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 28.235, 322.382

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.235, 322.382.



This preview shows how white text looks on a background with the CIELCh color 84, 28.235, 322.382.

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

84, 28.235, 322.382

Protanopia

84, 22.219, 286.098

Deuteranopia

84, 19.976, 302.659



Tritanopia
84, 14.418, 347.409

Trichromacy



Original Color
84, 28.235, 322.382

Protanomaly
84, 23.031, 300.492

Deuteranomaly
84, 22.558, 311.528

Tritanomaly
84, 19.253, 333.336

Monochromacy



Original Color
84, 28.235, 322.382

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.844, 321.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.235, 322.382 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(237, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 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(237, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.235, 322.382 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(237, 196, 242) }
```

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

```
.border{ border-color:rgb(237, 196, 242) }
```

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

Here you see how a box with a 4 pixel rgb(237, 196, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.235, 322.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 242) }
```

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

```
.background{ background-color: rgb(237,  
196, 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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