

Converting Colors

CIELCh(85, 30.115, 330.165)

Have a look what the booklet for
CIELCh(85, 30.115, 330.165)
contains.

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Color

CIELCh(85, 30.115, 330.165)

Conversions

Conversions Part 1

Format	Color
Hex	F9C4F1
RGB	249, 196, 241
RGB Percent	98%, 77%, 95%
CMY	0.0233, 0.2311, 0.0547
CMYK	0.00, 0.21, 0.03, 0.02
HSL	309°, 82%, 87%
HSV	309°, 21%, 98%
XYZ	74.7230, 66.0070, 92.0628
YIQ	216.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

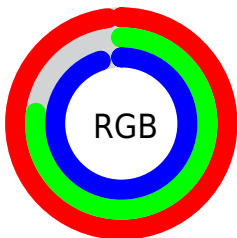
Format	Color
R _Y B	249, 196, 241
Decimal	16368881
CIE _{Lab}	85.00, 26.12, -14.98
CIE _{LCh}	85, 30.115, 330.165
Y _{xy}	66.0070, 0.3210, 0.2835
Android (android.graphics.Color)	4294558961 (0xFFFF9C4F1)
Y _{UV}	216.9770, 11.8433, 28.0842
Hunter-Lab	81.2447, 21.9932, -10.3134

Details

The CIELCh color **85, 30.115, 330.165** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93, 30.032, 147.398**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **65, 30.062, 330.072** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.192, 330.803**, and if you desaturate by 10%, it is **91, 15.901, 329.534**.

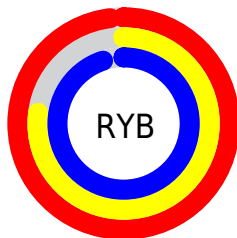
Distribution



Red (98%)

Green (77%)

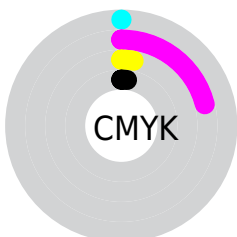
Blue (95%)



Red (98%)

Yellow (77%)

Blue (95%)

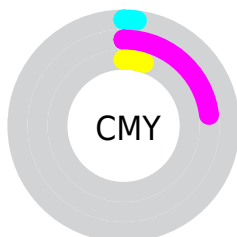


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.115, 330.165 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, 30.115, 330.165 by changing the saturation by 10% instead.


 85, 30.115,
330.165


 85, 30.115,
330.165


 100, 30.115,
330.165


 75, 30.115,
330.165

 65, 30.115,
330.165

 55, 30.115,
330.165

 45, 30.115,
330.165

 35, 30.115,
330.165

 25, 30.115,
330.165

 15, 30.115,

330.165

■ 5, 30.115, 330.165

■ 0, 30.115, 330.165

■ 85, 30.115,
330.165

■ 85, 30.115,
330.165

■ 79, 44.192,
330.803

■ 91, 15.901,
329.534

■ 74, 57.790,
331.446

■ 97, 1.798, 328.758

■ 69, 70.428,
332.092

■ 100, 2.484,
166.537

■ 65, 81.522,
332.741

■ 100, 2.062,
199.596

■ 62, 90.441,

333.397

■ 59, 96.650,
334.073

■ 58, 99.895,
334.793

■ 57, 100.665,
335.472

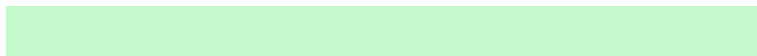
Harmonies

Complementary

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



85, 30.115, 330.165



93, 30.032, 147.398

Rectangle

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



85, 30.115, 330.165



85, 30.115, 20.165



85, 30.115, 150.165



85, 30.115, 200.165

Sweetspot

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



85, 30.112, 330.165



96, 8.593, 329.194



81, 28.372, 297.905



51, 5.702, 329.237



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, 30.112, 330.165



84, 37.504, 330.468



84, 21.782, 354.742



49, 8.026, 329.421



43, 81.883, 335.330



11, 37.596, 334.302

Inverse Universe

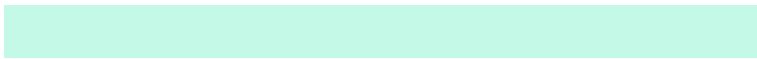
The Inverse Universe completely reimagines the original color for something new.



85, 30.112, 330.165



84, 37.504, 330.468



94, 20.686, 170.561



49, 8.026, 329.421



43, 81.883, 335.330



11, 37.596, 334.302

Previews

White Background



This preview shows how the CIELCh color 85, 30.115, 330.165 looks on a white background.

Color Contrast Check

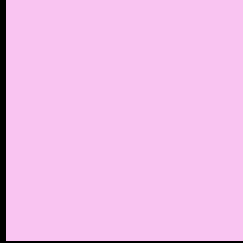
Large Text (above 18pt) WCAG AA × Fail

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, 30.115, 330.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

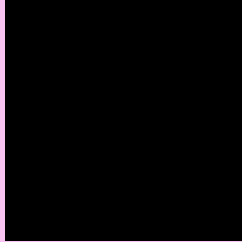
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.115, 330.165

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.115, 330.165.



This preview shows how white text looks on a background with the CIELCh color 85, 30.115, 330.165.

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, 30.115, 330.165

Protanopia
85, 21.092, 286.544

Deuteranopia
85, 17.612, 307.511



Tritanopia
85, 18.855, 354.583

Trichromacy



Original Color
85, 30.115, 330.165



Protanomaly
85, 22.284, 305.181



Deuteranomaly
85, 21.886, 318.162



Tritanomaly
85, 22.075, 343.102

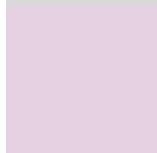
Monochromacy



Original Color
85, 30.115, 330.165



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 11.491, 329.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.115, 330.165 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(249, 196, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 196, 241)  
}
```

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(249, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 196, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.115, 330.165 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(249, 196, 241) }
```

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

```
.border{ border-color:rgb(249, 196, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 196, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 196, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 196, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 196,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.115, 330.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 196, 241) }
```

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

```
.background{ background-color: rgb(249,  
196, 241) }
```

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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