

Converting Colors

CIELCh(84, 29.749, 325.503)

Have a look what the booklet for
CIELCh(84, 29.749, 325.503)
contains.

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Color

CIELCh(84, 29.765, 325.502)

Conversions

Conversions Part 1

Format	Color
Hex	F2C3F2
RGB	242, 195, 242
RGB Percent	95%, 76%, 95%
CMY	0.0525, 0.2367, 0.0525
CMYK	0.00, 0.19, 0.00, 0.05
HSL	300°, 64%, 86%
HSV	300°, 19%, 95%
XYZ	71.8919, 64.0658, 92.2846
YIQ	214.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

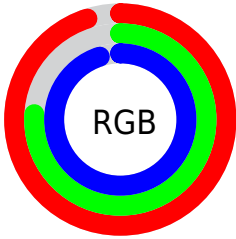
Format	Color
R _{YB}	242, 195, 242
Decimal	15909874
CIE Lab	84.00, 24.53, -16.86
CIE LCh	84, 29.765, 325.502
Yxy	64.0658, 0.3150, 0.2807
Android (android.graphics.Color)	4294099954 (0xFFFF2C3F2)
YUV	214.4110, 13.6014, 24.1956
Hunter-Lab	80.0411, 20.2545, -12.3306

Details

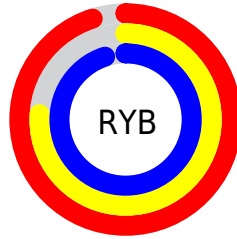
The CIELCh color `84, 29.765, 325.502` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `91, 29.741, 143.193`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 1.871, 324.342`, and `64, 29.759, 325.116` is the 20% darker color. If you saturate the color by 10%, you get `79, 45.010, 326.045`, and if you desaturate by 10%, it is `90, 14.401, 324.941`.

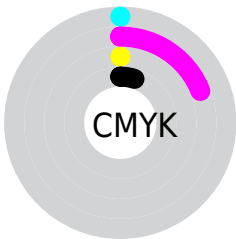
Distribution



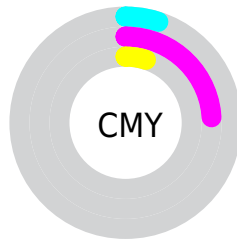
- Red (95%)
- Green (76%)
- Blue (95%)



- Red (95%)
- Yellow (76%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (24%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.765, 325.502 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, 29.765, 325.502 by changing the saturation by 10% instead.

 84, 29.765,
325.502

 84, 29.765,
325.502

 100, 29.765,
325.502


 74, 29.765,
325.502

 64, 29.765,
325.502

 54, 29.765,
325.502

 44, 29.765,
325.502

 34, 29.765,
325.502

 24, 29.765,
325.502

 14, 29.765,

325.502

■ 4, 29.765, 325.502

■ 0, 29.765, 325.502

■ 84, 29.765,
325.502

■ 84, 29.765,
325.502

■ 79, 45.010,
326.045

■ 90, 14.401,
324.941

■ 73, 59.791,
326.559

■ 96, 0.830, 144.770

■ 99, 8.314, 144.175

■ 69, 73.639,
327.030

■ 99, 8.314, 144.173

■ 65, 85.986,
327.439

■ 99, 8.313, 144.171

■ 62, 96.232,

■ 99, 8.313, 144.168

327.770

99, 8.313, 144.166

59, 103.867,
328.011

99, 8.313, 144.164

58, 108.637,
328.159

99, 8.312, 144.162

57, 110.852,
328.228

57, 110.947,
328.231

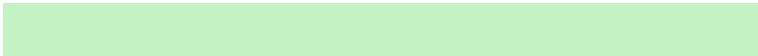
Harmonies

Complementary

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



84, 29.765, 325.502



91, 29.741, 143.193

Rectangle

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



84, 29.765, 325.502



84, 29.765, 15.502



84, 29.765, 145.502



84, 29.765, 195.502

Sweetspot

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



84, 29.762, 325.502



96, 9.538, 324.740



80, 24.628, 291.737



51, 6.329, 324.779



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, 29.762, 325.502



86, 36.785, 325.701



83, 21.346, 344.437



47, 8.608, 324.942



44, 90.297, 328.231



10, 39.418, 328.231

Inverse Universe

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



83, 17.890, 20.789



84, 22.421, 21.148



92, 20.868, 161.082



47, 4.993, 19.935



38, 81.700, 39.993



8, 29.836, 23.804

Previews

White Background



This preview shows how the CIELCh color 84, 29.765, 325.502 looks on a white background.

Color Contrast Check

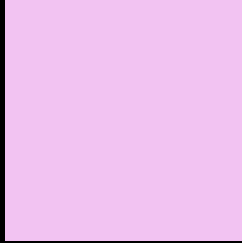
Large Text (above 18pt) WCAG AA × Fail

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, 29.765, 325.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

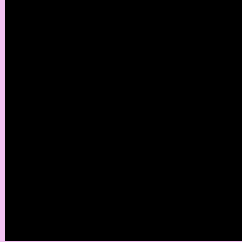
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 29.765, 325.502

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.765, 325.502.



This preview shows how white text looks on a background with the CIELCh color 84, 29.765, 325.502.

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, 29.765, 325.502

Protanopia

84, 22.219, 286.098

Deuteranopia

84, 19.530, 303.924



Tritanopia
84, 16.586, 350.309

Trichromacy



Original Color
84, 29.765, 325.502



Protanomaly
84, 23.744, 302.769



Deuteranomaly
84, 22.797, 313.193

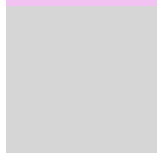


Tritanomaly
84, 21.140, 336.929

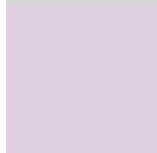
Monochromacy



Original Color
84, 29.765, 325.502



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 10.871, 324.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.765, 325.502 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(242, 195, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 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(242, 195, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.765, 325.502 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(242, 195, 242) }
```

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

```
.border{ border-color:rgb(242, 195, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 195, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.765, 325.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 242) }
```

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

```
.background{ background-color: rgb(242,  
195, 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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