

Converting Colors

CIELCh(90, 16.107, 328.966)

Have a look what the booklet for
CIELCh(90, 16.107, 328.966)
contains.

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Color

CIElCh(90, 15.977, 329.273)

Conversions

Conversions Part 1

Format	Color
Hex	F6DAF2
RGB	246, 218, 242
RGB Percent	96%, 85%, 95%
CMY	0.0345, 0.1443, 0.0502
CMYK	0.00, 0.11, 0.02, 0.03
HSL	309°, 61%, 91%
HSV	309°, 11%, 97%
XYZ	79.2627, 76.3034, 94.7193
YIQ	229.1080, 8.9840, 13.4000

Conversions

Conversions Part 2

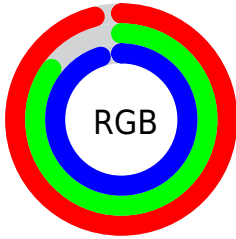
Format	Color
R _Y B	246, 218, 242
Decimal	16177906
CIE Lab	90.00, 13.73, -8.16
CIE LCh	90, 15.977, 329.273
Yxy	76.3034, 0.3167, 0.3049
Android (android.graphics.Color)	4294367986 (0xFFFF6DAF2)
YUV	229.1080, 6.3558, 14.8143
Hunter-Lab	87.3518, 9.1046, -3.1444

Details

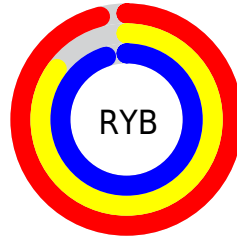
The CIELCh color **90, 15.977, 329.273** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 15.937, 147.904**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 16.135, 329.610** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.132, 329.900**, and if you desaturate by 10%, it is **96, 1.921, 328.517**.

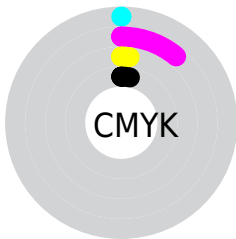
Distribution



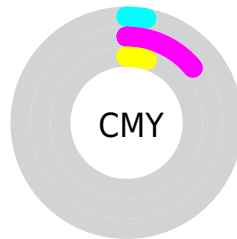
- Red (96%)
- Green (85%)
- Blue (95%)



- Red (96%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 15.977, 329.273 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 90, 15.977, 329.273 by changing the saturation by 10% instead.


 90, 15.977,
329.273


 90, 15.977,
329.273


 100, 15.977,
329.273


 80, 15.977,
329.273


 70, 15.977,
329.273

 60, 15.977,
329.273

 50, 15.977,
329.273

 40, 15.977,
329.273

 30, 15.977,
329.273

 20, 15.977,

329.273

■ 10, 15.977,
329.273

■ 0, 15.977, 329.273

■ 90, 15.977,
329.273

■ 90, 15.977,
329.273

■ 84, 30.132,
329.900

■ 96, 1.921, 328.517

■ 78, 44.155,
330.530

■ 99, 4.262, 156.034

■ 99, 3.270, 179.072

■ 73, 57.693,
331.164

■ 99, 3.041, 199.430

■ 68, 70.272,
331.797

■ 64, 81.311,
332.429

■ 61, 90.188,
333.062

■ 59, 96.375,
333.708

■ 57, 99.628,
334.388

■ 56, 100.434,
335.016

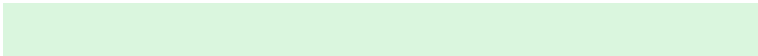
Harmonies

Complementary

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



90, 15.977, 329.273



94, 15.937, 147.904

Rectangle

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



90, 15.977, 329.273



90, 15.977, 19.273



90, 15.977, 149.273



90, 15.977, 199.273

Sweetspot

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



90, 15.974, 329.274



98, 4.315, 328.710



88, 14.715, 296.352



52, 3.271, 328.775



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 15.974, 329.274



91, 20.260, 329.440



90, 11.453, 352.540



48, 7.937, 329.155



43, 81.573, 334.881



10, 36.803, 333.879

Inverse Universe

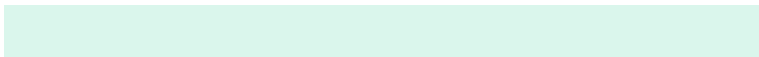
The Inverse Universe completely reimagines the original color for something new.



90, 15.974, 329.274



91, 20.260, 329.440



95, 11.161, 170.508



48, 7.937, 329.155



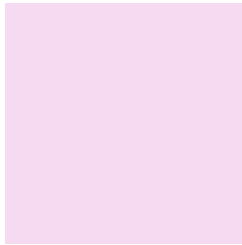
43, 81.573, 334.881



10, 36.803, 333.879

Previews

White Background



This preview shows how the CIELCh color 90, 15.977, 329.273 looks on a white background.

Color Contrast Check

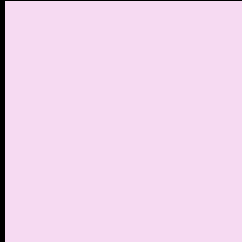
Large Text (above 18pt) WCAG AA × Fail

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 90, 15.977, 329.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

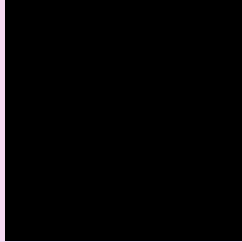
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 15.977, 329.273

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.977, 329.273.




This preview shows how white text looks on a background with the CIELCh color 90, 15.977, 329.273.

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
90, 12.846, 336.950

Trichromacy



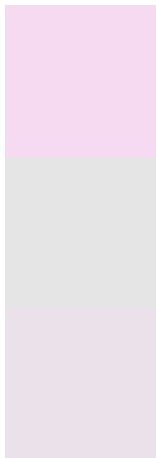
Original Color
90, 15.977, 329.273

Protanomaly
90, 12.009, 307.880

Deuteranomaly
90, 14.711, 326.108

Tritanomaly
90, 13.569, 333.754

Monochromacy



Original Color
90, 15.977, 329.273

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.905, 327.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.977, 329.273 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(246, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 218, 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(246, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 218, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.977, 329.273 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(246, 218, 242) }
```

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

```
.border{ border-color:rgb(246, 218, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 218, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 218, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 218, 242); box-shadow:4px 4px 4px 4px rgb(246, 218, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.977, 329.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 218, 242) }
```

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

```
.background{ background-color: rgb(246,  
218, 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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