

Converting Colors

CIELCh(90, 18.221, 325.869)

Have a look what the booklet for
CIELCh(90, 18.221, 325.869)
contains.

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Color

CIELCh(90, 18.459, 326.006)

Conversions

Conversions Part 1

Format	Color
Hex	F7D9F6
RGB	247, 217, 246
RGB Percent	97%, 85%, 96%
CMY	0.0301, 0.1477, 0.0340
CMYK	0.00, 0.12, 0.00, 0.03
HSL	302°, 66%, 91%
HSV	302°, 12%, 97%
XYZ	80.0587, 76.3034, 97.9662
YIQ	229.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

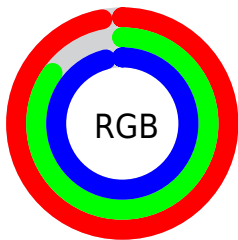
Format	Color
R _Y B	247, 217, 246
Decimal	16243190
CIE Lab	90.00, 15.30, -10.32
CIE LCh	90, 18.459, 326.006
Yxy	76.3034, 0.3148, 0.3000
Android (android.graphics.Color)	4294433270 (0xFFFF7D9F6)
YUV	229.2760, 8.2449, 15.5439
Hunter-Lab	87.3518, 10.7313, -5.3483

Details

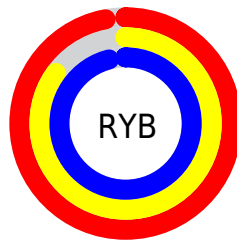
The CIELCh color `90, 18.459, 326.006` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `95, 18.432, 144.615`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 18.735, 326.200` is the 20% darker color. If you saturate the color by 10%, you get `84, 33.764, 326.576`, and if you desaturate by 10%, it is `96, 3.227, 325.366`.

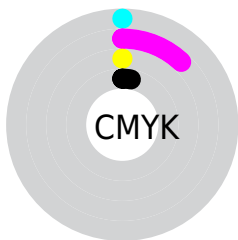
Distribution



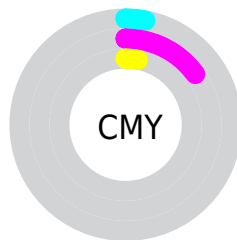
- Red (97%)
- Green (85%)
- Blue (96%)



- Red (97%)
- Yellow (85%)
- Blue (96%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.459, 326.006 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, 18.459, 326.006 by changing the saturation by 10% instead.


 90, 18.459,
326.006


 90, 18.459,
326.006


 100, 18.459,
326.006


 80, 18.459,
326.006


 70, 18.459,
326.006

 60, 18.459,
326.006

 50, 18.459,
326.006

 40, 18.459,
326.006

 30, 18.459,
326.006

 20, 18.459,

326.006

■ 10, 18.459,
326.006

■ 0, 18.459, 326.006

■ 90, 18.459,
326.006

■ 90, 18.459,
326.006

■ 84, 33.764,
326.576

■ 96, 3.227, 325.366

■ 79, 48.878,
327.130

■ 99, 4.481, 146.713

■ 99, 4.152, 150.164

■ 74, 63.415,
327.660

■ 99, 3.840, 154.188

■ 69, 76.872,
328.150

■ 99, 3.549, 158.892

■ 99, 3.286, 164.384

65, 88.652,
328.586

99, 3.058, 170.757

62, 98.146,
328.957

99, 2.874, 178.046

60, 104.877,
329.256

99, 2.741, 186.183

59, 108.671,
329.485

58, 109.961,
329.629

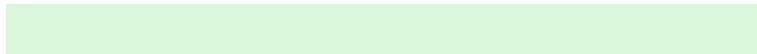
Harmonies

Complementary

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



90, 18.459, 326.006



95, 18.432, 144.615

Rectangle

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



90, 18.459, 326.006



90, 18.459, 16.006



90, 18.459, 146.006



90, 18.459, 196.006

Sweetspot

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



90, 18.456, 326.006



97, 6.210, 325.516



88, 15.709, 292.709



52, 4.415, 325.566



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, 18.456, 326.006



91, 23.422, 326.172



90, 13.041, 346.519



48, 8.562, 325.852



44, 88.874, 329.604



11, 39.651, 329.417

Inverse Universe

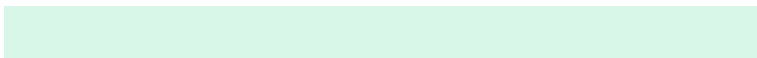
The Inverse Universe completely reimagines the original color for something new.



90, 18.456, 326.006



91, 23.422, 326.172



95, 12.805, 164.462



48, 8.562, 325.852



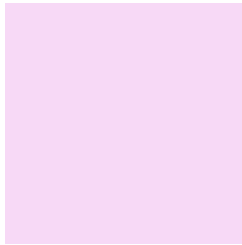
44, 88.874, 329.604



11, 39.651, 329.417

Previews

White Background



This preview shows how the CIELCh color 90, 18.459, 326.006 looks on a white background.

Color Contrast Check

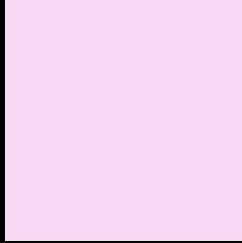
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 90, 18.459, 326.006 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

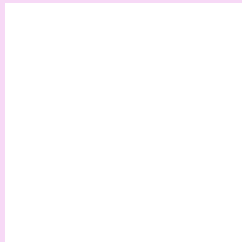
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 18.459, 326.006

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.459, 326.006.



This preview shows how white text looks on a background with the CIELCh color 90, 18.459, 326.006.

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, 13.107, 338.062

Trichromacy



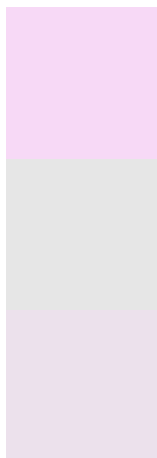
Original Color
90, 18.459, 326.006

Protanomaly
90, 14.524, 304.996

Deuteranomaly
90, 16.434, 321.914

Tritanomaly
90, 15.192, 331.733

Monochromacy



Original Color
90, 18.459, 326.006

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.954, 324.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.459, 326.006 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(247, 217, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 246)  
}
```

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(247, 217, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.459, 326.006 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(247, 217, 246) }
```

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

```
.border{ border-color:rgb(247, 217, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 217, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.459, 326.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 246) }
```

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

```
.background{ background-color: rgb(247,  
217, 246) }
```

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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