

Converting Colors

CIELCh(90, 17.884, 317.347)

Have a look what the booklet for
CIELCh(90, 17.884, 317.347)
contains.

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Color

CIELCh(90, 18.077, 317.567)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBFA
RGB	242, 219, 250
RGB Percent	95%, 86%, 98%
CMY	0.0517, 0.1419, 0.0203
CMYK	0.03, 0.12, 0.00, 0.02
HSL	285°, 75%, 92%
HSV	285°, 12%, 98%
XYZ	79.0648, 76.3034, 100.8504
YIQ	229.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

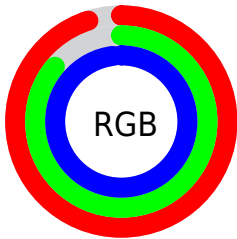
Format	Color
R _Y B	242, 219, 250
Decimal	15916026
CIE Lab	90.00, 13.34, -12.20
CIE LCh	90, 18.077, 317.567
Yxy	76.3034, 0.3086, 0.2978
Android (android.graphics.Color)	4294106106 (0xFFF2DBFA)
YUV	229.4110, 10.1504, 11.0406
Hunter-Lab	87.3518, 8.7002, -7.3059

Details

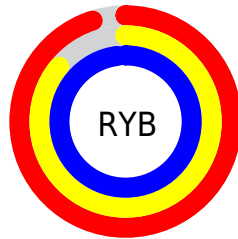
The CIELCh color $90, 18.077, 317.567$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $96, 17.922, 136.495$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $70, 18.355, 317.425$ is the 20% darker color. If you saturate the color by 10%, you get $84, 32.913, 318.014$, and if you desaturate by 10%, it is $97, 3.475, 317.082$.

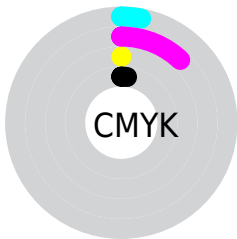
Distribution



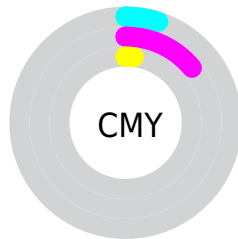
- Red (95%)
- Green (86%)
- Blue (98%)



- Red (95%)
- Yellow (86%)
- Blue (98%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (14%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.077, 317.567 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, 18.077, 317.567 by changing the saturation by 10% instead.


 90, 18.077,
317.567


 90, 18.077,
317.567


 100, 18.077,
317.567


 80, 18.077,
317.567


 70, 18.077,
317.567

 60, 18.077,
317.567

 50, 18.077,
317.567

 40, 18.077,
317.567

 30, 18.077,
317.567

 20, 18.077,

317.567

■ 10, 18.077,
317.567

■ 0, 18.077, 317.567

■ 90, 18.077,
317.567

■ 90, 18.077,
317.567

■ 84, 32.913,
318.014

■ 97, 3.475, 317.082

■ 77, 47.828,
318.453

■ 100, 2.621,
112.169

■ 71, 62.555,
318.863

■ 100, 2.618,
109.953

■ 65, 76.697,
319.212

■ 60, 89.696,
319.458

■ 56, 100.851,
319.548

■ 52, 109.421,
319.421

■ 50, 114.858,
319.026

■ 49, 117.119,
318.561

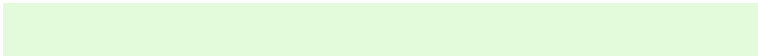
Harmonies

Complementary

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



90, 18.077, 317.567



96, 17.922, 136.495

Rectangle

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



90, 18.077, 317.567



90, 18.077, 7.567



90, 18.077, 137.567



90, 18.077, 187.567

Sweetspot

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



90, 18.074, 317.566



97, 5.879, 317.176



90, 12.076, 277.723



51, 4.181, 317.214



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, 18.074, 317.566



90, 22.274, 317.683



90, 16.551, 332.505



49, 8.261, 317.435



36, 94.787, 318.709



8, 42.657, 319.806

Inverse Universe

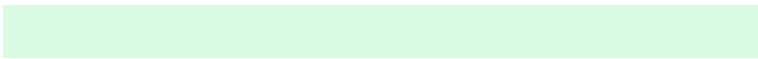
The Inverse Universe completely reimagines the original color for something new.



90, 12.001, 0.103



90, 14.841, 0.398



95, 16.485, 150.890



49, 5.464, 359.782



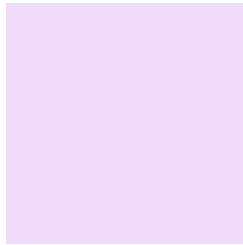
40, 71.534, 24.883



9, 30.725, 14.662

Previews

White Background



This preview shows how the CIELCh color 90, 18.077, 317.567 looks on a white background.

Color Contrast Check

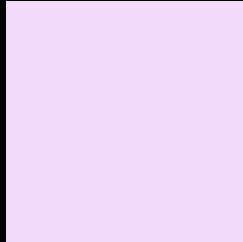
Large Text (above 18pt) WCAG AA × Fail

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, 18.077, 317.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

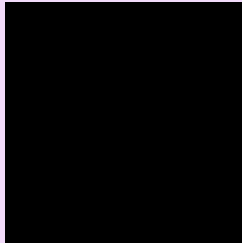
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

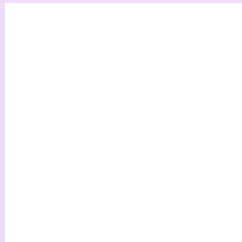
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 18.077, 317.567

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.077, 317.567.



This preview shows how white text looks on a background with the CIELCh color 90, 18.077, 317.567.

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, 11.159, 327.864

Trichromacy



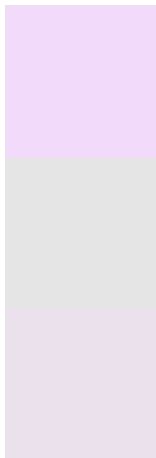
Original Color
90, 18.077, 317.567

Protanomaly
90, 15.266, 299.089

Deuteranomaly
90, 17.018, 314.082

Tritanomaly
90, 13.683, 323.676

Monochromacy



Original Color
90, 18.077, 317.567

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.035, 317.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.077, 317.567 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, 219, 250)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 250)  
}
```

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, 219, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.077, 317.567 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, 219, 250) }
```

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

```
.border{ border-color:rgb(242, 219, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 219, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 219, 250); box-shadow:4px 4px 4px 4px rgb(242, 219, 250) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.077, 317.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 250) }
```

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

```
.background{ background-color: rgb(242,  
219, 250) }
```

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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