

Converting Colors

CIELCh(90, 22.297, 320.244)

Have a look what the booklet for
CIELCh(90, 22.297, 320.244)
contains.

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Color

CIElCh(90, 22.583, 319.948)

Conversions

Conversions Part 1

Format	Color
Hex	F7D8FE
RGB	247, 216, 254
RGB Percent	97%, 85%, 100%
CMY	0.0300, 0.1516, 0.0025
CMYK	0.03, 0.15, 0.00, 0.00
HSL	289°, 97%, 92%
HSV	289°, 15%, 100%
XYZ	81.0711, 76.3034, 104.5172
YIQ	229.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

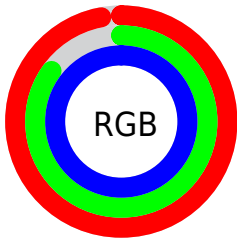
Format	Color
R_{YB}	247, 216, 254
Decimal	16242942
CIE _{Lab}	90.00, 17.29, -14.53
CIE _{LCh}	90, 22.583, 319.948
Yxy	76.3034, 0.3096, 0.2914
Android (android.graphics.Color)	4294433022 (0xFFFF7D8FE)
YUV	229.6010, 12.0287, 15.2589
Hunter-Lab	87.3518, 12.8001, -9.7948

Details

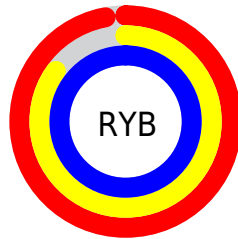
The CIELCh color `90, 22.583, 319.948` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `97, 22.424, 138.556`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 22.428, 319.779` is the 20% darker color. If you saturate the color by 10%, you get `84, 37.905, 320.409`, and if you desaturate by 10%, it is `97, 7.408, 319.469`.

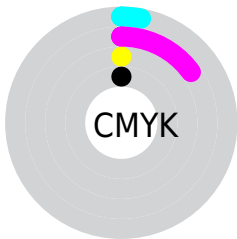
Distribution



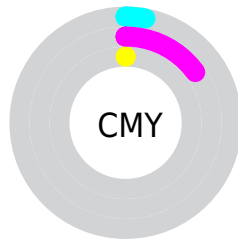
- Red (97%)
- Green (85%)
- Blue (100%)



- Red (97%)
- Yellow (85%)
- Blue (100%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 22.583, 319.948 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, 22.583, 319.948 by changing the saturation by 10% instead.


 90, 22.583,
319.948


 90, 22.583,
319.948


 100, 22.583,
319.948


 80, 22.583,
319.948

 70, 22.583,
319.948

 60, 22.583,
319.948

 50, 22.583,
319.948

 40, 22.583,
319.948

 30, 22.583,
319.948

 20, 22.583,

319.948

■ 10, 22.583,
319.948

■ 0, 22.583, 319.948

■ 90, 22.583,
319.948

■ 90, 22.583,
319.948

■ 84, 37.905,
320.409

■ 97, 7.408, 319.469

■ 78, 53.158,
320.851

100, 0.316,
109.910

■ 72, 68.001,
321.253

■ 66, 81.954,
321.584

■ 62, 94.393,
321.804

■ 58, 104.610,
321.871

■ 55, 111.966,
321.740

■ 53, 116.143,
321.382

■ 52, 117.338,
321.134

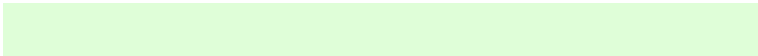
Harmonies

Complementary

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



90, 22.583, 319.948



97, 22.424, 138.556

Rectangle

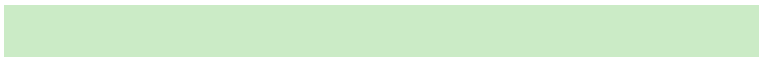
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 22.583, 319.948



90, 22.583, 9.948



90, 22.583, 139.948



90, 22.583, 189.948

Sweetspot

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



90, 22.580, 319.948



97, 6.004, 319.419



89, 15.977, 282.301



52, 4.269, 319.460



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, 22.580, 319.948



88, 27.314, 320.090



90, 19.325, 335.312



50, 8.572, 319.693



39, 94.649, 321.247



10, 43.414, 322.044

Inverse Universe

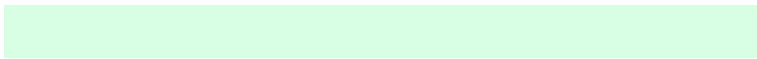
The Inverse Universe completely reimagines the original color for something new.



90, 14.376, 5.887



88, 17.495, 6.243



97, 19.197, 153.204



50, 5.400, 5.287



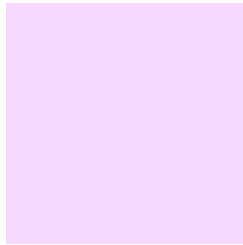
40, 75.733, 30.755



10, 32.078, 19.504

Previews

White Background



This preview shows how the CIELCh color 90, 22.583, 319.948 looks on a white background.

Color Contrast Check

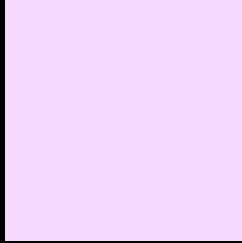
Large Text (above 18pt) WCAG AA × Fail

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, 22.583, 319.948 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

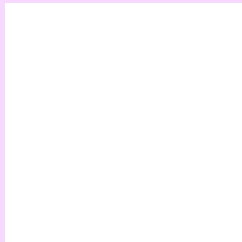
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 22.583, 319.948

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.583, 319.948.

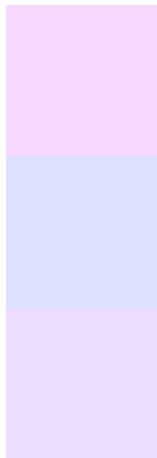


This preview shows how white text looks on a background with the CIELCh color 90, 22.583, 319.948.

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
90, 22.583, 319.948

Protanopia
90, 15.631, 286.503

Deuteranopia
90, 18.000, 308.087



Tritanopia
90, 13.202, 335.307

Trichromacy



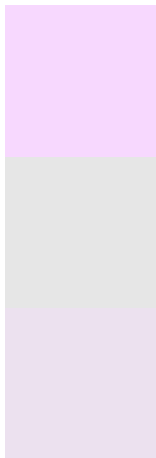
Original Color
90, 22.583, 319.948

Protanomaly
90, 17.500, 301.606

Deuteranomaly
90, 19.685, 313.066

Tritanomaly
90, 16.381, 328.135

Monochromacy



Original Color
90, 22.583, 319.948

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.282, 318.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 22.583, 319.948 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, 216, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 216, 254)  
}
```

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, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 216, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.583, 319.948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

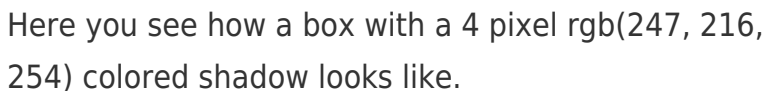
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 216, 254) }
```

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

```
.border{ border-color:rgb(247, 216, 254) }
```

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



Here you see how a box with a 4 pixel rgb(247, 216, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 216, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 216, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 216,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.583, 319.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 216, 254) }
```

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

```
.background{ background-color: rgb(247,  
216, 254) }
```

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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