

Converting Colors

CIELCh(90, 22.580, 330.823)

Have a look what the booklet for
CIELCh(90, 22.580, 330.823)
contains.

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Color

CIElCh(90, 22.840, 330.506)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F8
RGB	255, 214, 248
RGB Percent	100%, 84%, 97%
CMY	0.0000, 0.1599, 0.0265
CMYK	0.00, 0.16, 0.03, 0.00
HSL	310°, 100%, 92%
HSV	310°, 16%, 100%
XYZ	82.4088, 76.3034, 99.3799
YIQ	230.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

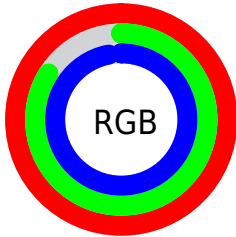
Format	Color
RYB	255, 214, 248
Decimal	16766712
CIELab	90.00, 19.88, -11.24
CIELCh	90, 22.840, 330.506
Yxy	76.3034, 0.3193, 0.2956
Android (android.graphics.Color)	4294956792 (0xFFFFD6F8)
YUV	230.1350, 8.8074, 21.8066
Hunter-Lab	87.3518, 15.5335, -6.3078

Details

The CIELCh color **90, 22.840, 330.506** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 22.721, 148.302**, 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, 23.081, 330.145** is the 20% darker color. If you saturate the color by 10%, you get **84, 37.099, 330.984**, and if you desaturate by 10%, it is **96, 8.484, 329.690**.

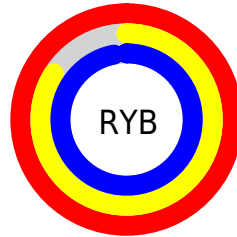
Distribution



Red (100%)

Green (84%)

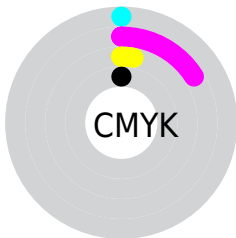
Blue (97%)



Red (100%)

Yellow (84%)

Blue (97%)

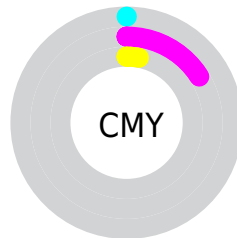


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 22.840, 330.506 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, 22.840, 330.506 by changing the saturation by 10% instead.


 90, 22.840,
330.506


 90, 22.840,
330.506


 100, 22.840,
330.506


 80, 22.840,
330.506

 70, 22.840,
330.506

 60, 22.840,
330.506

 50, 22.840,
330.506

 40, 22.840,
330.506

 30, 22.840,
330.506

 20, 22.840,

330.506

■ 10, 22.840,
330.506

■ 0, 22.840, 330.506

■ 90, 22.840,
330.506

■ 90, 22.840,
330.506

■ 84, 37.099,
330.984

■ 96, 8.484, 329.690

■ 78, 51.130,
331.640

100, 0.012,
296.813

■ 73, 64.463,
332.306

■ 69, 76.556,
332.981

■ 65, 86.775,
333.670

■ 62, 94.501,
334.384

■ 60, 99.294,
335.146

■ 58, 101.102,
335.986

■ 58, 101.274,
336.343

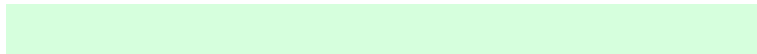
Harmonies

Complementary

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



90, 22.840, 330.506



96, 22.721, 148.302

Rectangle

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



90, 22.840, 330.506



90, 22.840, 20.506



90, 22.840, 150.506



90, 22.840, 200.506

Sweetspot

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



90, 22.786, 330.338



97, 7.081, 329.621



87, 21.501, 297.391



51, 4.833, 329.671



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, 22.786, 330.338



88, 27.107, 330.532



89, 16.544, 354.135



50, 8.075, 329.922



44, 81.750, 336.179



12, 38.190, 335.066

Inverse Universe

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



90, 22.786, 330.338



88, 27.107, 330.532



97, 15.918, 171.111



50, 8.075, 329.922



44, 81.750, 336.179



12, 38.190, 335.066

Previews

White Background



This preview shows how the CIELCh color 90, 22.840, 330.506 looks on a white background.

Color Contrast Check

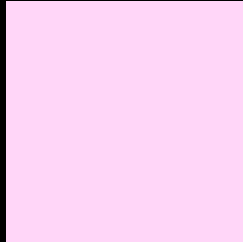
Large Text (above 18pt) WCAG AA × Fail

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, 22.840, 330.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

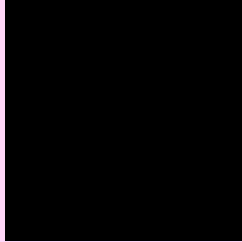
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 22.840, 330.506

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.840, 330.506.



This preview shows how white text looks on a background with the CIELCh color 90, 22.840, 330.506.

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, 22.840, 330.506

Protanopia
90, 15.612, 287.728

Deuteranopia
90, 15.602, 316.299



Tritanopia
90, 15.676, 346.408

Trichromacy



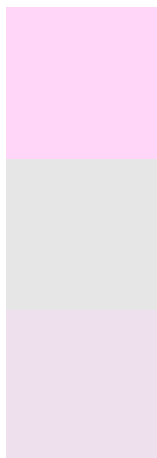
Original Color
90, 22.840, 330.506

Protanomaly
90, 17.312, 306.375

Deuteranomaly
90, 17.869, 323.159

Tritanomaly
90, 18.086, 339.524

Monochromacy



Original Color
90, 22.840, 330.506

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.636, 328.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 22.840, 330.506 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(255, 214, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 248)  
}
```

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(255, 214, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.840, 330.506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

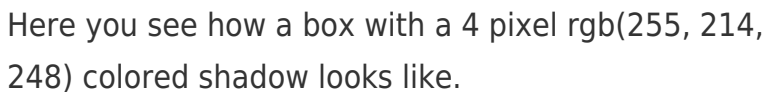
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 214, 248) }
```

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

```
.border{ border-color:rgb(255, 214, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 214, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 214, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 214, 248); box-shadow:4px 4px 4px 4px rgb(255, 214, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.840, 330.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 248) }
```

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

```
.background{ background-color: rgb(255,  
214, 248) }
```

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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