

Converting Colors

CIELCh(96, 40.095, 355.398)

Have a look what the booklet for
CIELCh(96, 40.095, 355.398)
contains.

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Color

CIElCh(90, 23.405, 328.176)

Conversions

Conversions Part 1

Format	Color
Hex	FED6FA
RGB	254, 214, 250
RGB Percent	100%, 84%, 98%
CMY	0.0028, 0.1595, 0.0184
CMYK	0.00, 0.16, 0.02, 0.00
HSL	306°, 97%, 92%
HSV	306°, 16%, 100%
XYZ	82.4121, 76.3034, 101.0751
YIQ	230.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

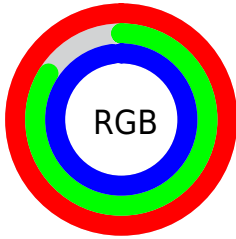
Format	Color
R_{YB}	254, 214, 250
Decimal	16701178
CIE _{Lab}	90.00, 19.89, -12.34
CIE _{LCh}	90, 23.405, 328.176
Yxy	76.3034, 0.3172, 0.2937
Android (android.graphics.Color)	4294891258 (0xFF FED6FA)
YUV	230.0640, 9.8284, 20.9919
Hunter-Lab	87.3518, 15.5403, -7.4584

Details

The CIELCh color **90, 23.405, 328.176** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 23.361, 146.261**, 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, 23.706, 327.730** is the 20% darker color. If you saturate the color by 10%, you get **84, 38.340, 328.777**, and if you desaturate by 10%, it is **96, 8.468, 327.563**.

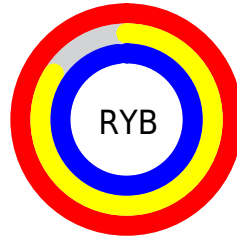
Distribution



Red (100%)

Green (84%)

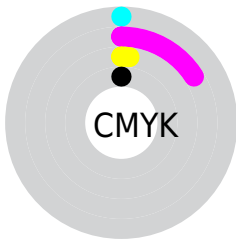
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

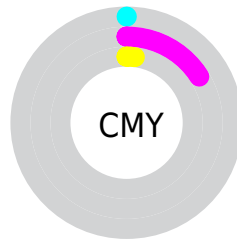


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 23.405, 328.176 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, 23.405, 328.176 by changing the saturation by 10% instead.


 90, 23.405,
328.176


 90, 23.405,
328.176


 100, 23.405,
328.176


 80, 23.405,
328.176

 70, 23.405,
328.176

 60, 23.405,
328.176

 50, 23.405,
328.176

 40, 23.405,
328.176

 30, 23.405,
328.176

 20, 23.405,

328.176

■ 10, 23.405,
328.176

■ 0, 23.405, 328.176

■ 90, 23.405,
328.176

■ 90, 23.405,
328.176

■ 84, 38.340,
328.777

■ 96, 8.468, 327.563

■ 79, 52.978,
329.373

100, 0.243,
202.113

■ 73, 66.891,
329.957

■ 69, 79.532,
330.521

■ 65, 90.269,
331.059

■ 62, 98.495,
331.570

■ 60, 103.784,
332.061

■ 59, 106.095,
332.546

■ 59, 106.466,
332.756

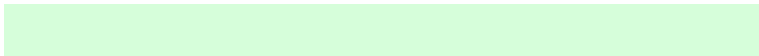
Harmonies

Complementary

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



90, 23.405, 328.176



96, 23.361, 146.261

Rectangle

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



90, 23.405, 328.176



90, 23.405, 18.176



90, 23.405, 148.176



90, 23.405, 198.176

Sweetspot

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



90, 23.402, 328.176



97, 7.417, 327.515



87, 21.004, 294.939



51, 5.062, 327.562



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, 23.402, 328.176



88, 28.379, 328.374



89, 16.837, 349.849



50, 8.457, 327.800



44, 86.048, 332.670



12, 39.961, 332.084

Inverse Universe

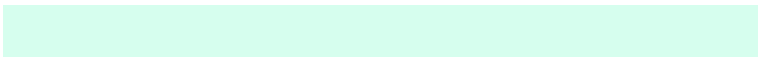
The Inverse Universe completely reimagines the original color for something new.



90, 23.402, 328.176



88, 28.379, 328.374



97, 16.356, 166.986



50, 8.457, 327.800



44, 86.048, 332.670



12, 39.961, 332.084

Previews

White Background



This preview shows how the CIELCh color 90, 23.405, 328.176 looks on a white background.

Color Contrast Check

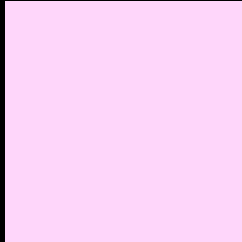
Large Text (above 18pt) WCAG AA × Fail

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, 23.405, 328.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

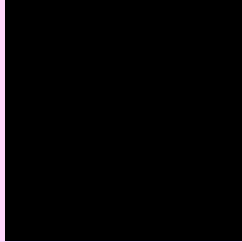
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 23.405, 328.176

Background



This preview shows how black text looks on a background with the CIELCh color 90, 23.405, 328.176.

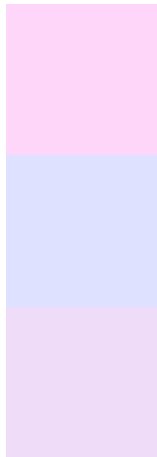


This preview shows how white text looks on a background with the CIELCh color 90, 23.405, 328.176.

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, 23.423, 328.180

Protanopia

90, 15.612, 287.728

Deuteranopia

90, 16.408, 313.651



Tritanopia
90, 15.378, 345.612

Trichromacy



Original Color
90, 23.423, 328.180



Protanomaly
90, 17.312, 306.375



Deuteranomaly
90, 18.575, 320.516

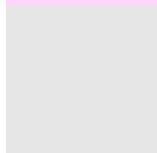


Tritanomaly
90, 18.160, 337.497

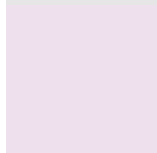
Monochromacy



Original Color
90, 23.423, 328.180



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, 23.405, 328.176 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(254, 214, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 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(254, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 23.405, 328.176 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(254, 214, 250) }
```

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

```
.border{ border-color:rgb(254, 214, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 214, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 23.405, 328.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 250) }
```

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

```
.background{ background-color: rgb(254,  
214, 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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