

Converting Colors

CIELCh(100, 42.506, 1.687)

Have a look what the booklet for
CIELCh(100, 42.506, 1.687) contains.

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Color

CIElCh(92, 18.973, 325.978)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFFD
RGB	254, 223, 253
RGB Percent	100%, 87%, 99%
CMY	0.0052, 0.1266, 0.0091
CMYK	0.00, 0.12, 0.00, 0.01
HSL	302°, 92%, 93%
HSV	302°, 12%, 99%
XYZ	84.7462, 80.7044, 103.7754
YIQ	235.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

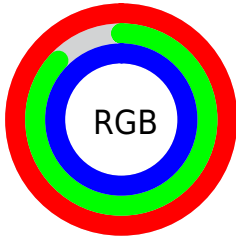
Format	Color
RYB	254, 223, 253
Decimal	16703485
CIELab	92.00, 15.73, -10.62
CIELCh	92, 18.973, 325.978
Yxy	80.7044, 0.3148, 0.2998
Android (android.graphics.Color)	4294893565 (0xFFFEFFD)
YUV	235.6890, 8.5343, 16.0587
Hunter-Lab	89.8356, 11.1751, -5.6051

Details

The CIELCh color **92, 18.973, 325.978** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **97, 18.945, 144.576**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 18.624, 326.175** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.607, 326.548**, and if you desaturate by 10%, it is **98, 3.411, 325.341**.

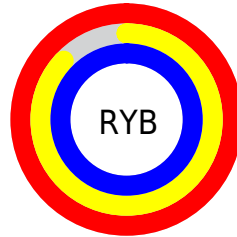
Distribution



Red (100%)

Green (87%)

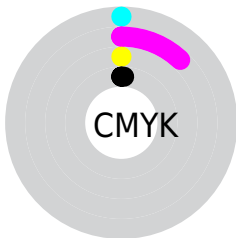
Blue (99%)



Red (100%)

Yellow (87%)

Blue (99%)

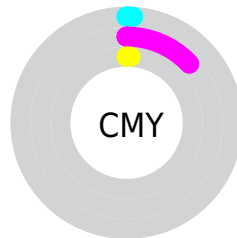


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 18.973, 325.978 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 92, 18.973, 325.978 by changing the saturation by 10% instead.


 92, 18.973,
325.978


 92, 18.973,
325.978


 100, 18.973,
325.978


 82, 18.973,
325.978


 72, 18.973,
325.978

 62, 18.973,
325.978

 52, 18.973,
325.978

 42, 18.973,
325.978

 32, 18.973,
325.978

 22, 18.973,

325.978

■ 12, 18.973,
325.978

■ 2, 18.973, 325.978

■ 92, 18.973,
325.978

■ 92, 18.973,
325.978

■ 86, 34.607,
326.548

■ 98, 3.411, 325.341

■ 80, 50.043,
327.102

100, 0.572,
163.504

■ 75, 64.883,
327.631

100, 0.458,
200.823

■ 71, 78.610,
328.120

■ 67, 90.613,
328.554

■ 64, 100.271,
328.922

■ 61, 107.097,
329.217

■ 60, 110.923,
329.441

■ 60, 112.194,
329.579

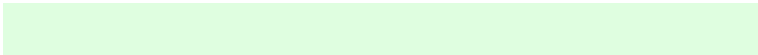
Harmonies

Complementary

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



92, 18.973, 325.978



97, 18.945, 144.576

Rectangle

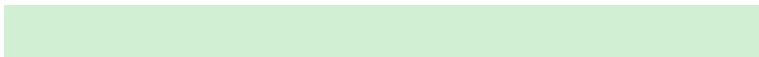
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 18.973, 325.978



92, 18.973, 15.978



92, 18.973, 145.978



92, 18.973, 195.978

Sweetspot

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



92, 18.970, 325.978



97, 6.215, 325.483



90, 16.130, 292.101



52, 4.418, 325.533



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 18.970, 325.978



91, 23.441, 326.139



92, 13.539, 345.584



50, 8.861, 325.822



45, 90.761, 329.556



12, 41.882, 329.392

Inverse Universe

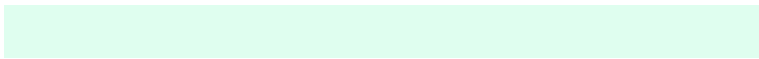
The Inverse Universe completely reimagines the original color for something new.



92, 18.970, 325.978



91, 23.441, 326.139



97, 13.309, 163.537



50, 8.861, 325.822



45, 90.761, 329.556



12, 41.882, 329.392

Previews

White Background



This preview shows how the CIELCh color 92, 18.973, 325.978 looks on a white background.

Color Contrast Check

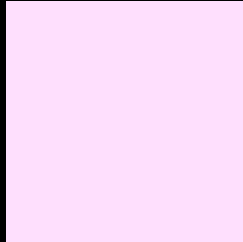
Large Text (above 18pt) WCAG AA × Fail

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 92, 18.973, 325.978 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 92, 18.973, 325.978

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.973, 325.978.

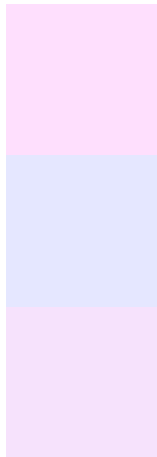


This preview shows how white text looks on a background with the CIELCh color 92, 18.973, 325.978.

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

92, 18.988, 325.981

Protanopia

92, 12.427, 288.033

Deuteranopia

92, 15.220, 318.317



Tritanopia
92, 13.660, 337.477

Trichromacy



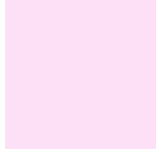
Original Color
92, 18.988, 325.981



Protanomaly
92, 13.952, 305.471



Deuteranomaly
92, 16.356, 321.902

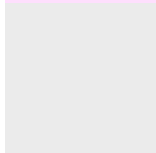


Tritanomaly
92, 15.354, 332.742

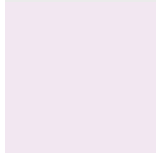
Monochromacy



Original Color
92, 18.988, 325.981



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 6.502, 327.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.973, 325.978 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, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 253)  
}
```

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, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.973, 325.978 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, 223, 253) }
```

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

```
.border{ border-color:rgb(254, 223, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.973, 325.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 253) }
```

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

```
.background{ background-color: rgb(254,  
223, 253) }
```

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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