

Converting Colors

CIELCh(92, 19.362, 325.097)

Have a look what the booklet for
CIELCh(92, 19.362, 325.097)
contains.

CIELCh(92, 19.407, 325.101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(92, 19.407, 325.101)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFFE
RGB	254, 223, 254
RGB Percent	100%, 87%, 100%
CMY	0.0054, 0.1269, 0.0054
CMYK	0.00, 0.12, 0.00, 0.01
HSL	300°, 92%, 93%
HSV	300°, 12%, 99%
XYZ	84.8475, 80.7044, 104.5488
YIQ	235.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

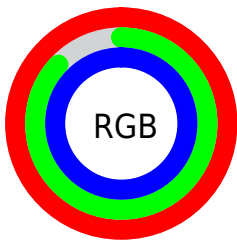
Format	Color
R_{YB}	254, 223, 254
Decimal	16703486
CIE _{Lab}	92.00, 15.92, -11.10
CIE _{LCh}	92, 19.407, 325.101
Yxy	80.7044, 0.3141, 0.2988
Android (android.graphics.Color)	4294893566 (0xFFFE _{DF} FE)
YUV	235.8030, 8.9711, 15.9588
Hunter-Lab	89.8356, 11.3764, -6.1155

Details

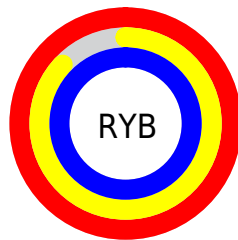
The CIELCh color `92, 19.407, 325.101` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `97, 19.381, 143.713`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 19.064, 325.231` is the 20% darker color. If you saturate the color by 10%, you get `86, 35.378, 325.659`, and if you desaturate by 10%, it is `98, 3.505, 324.476`.

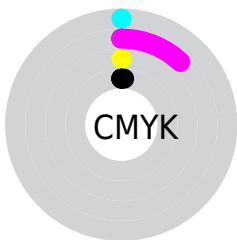
Distribution



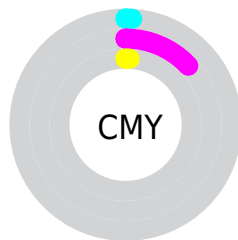
- Red (100%)
- Green (87%)
- Blue (100%)



- Red (100%)
- Yellow (87%)
- Blue (100%)



- 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, 19.407, 325.101 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, 19.407, 325.101 by changing the saturation by 10% instead.


 92, 19.407,
325.101


 92, 19.407,
325.101


 100, 19.407,
325.101


 82, 19.407,
325.101

 72, 19.407,
325.101

 62, 19.407,
325.101

 52, 19.407,
325.101

 42, 19.407,
325.101

 32, 19.407,
325.101

 22, 19.407,

325.101

■ 12, 19.407,
325.101

■ 2, 19.407, 325.101

■ 92, 19.407,
325.101

■ 92, 19.407,
325.101

■ 86, 35.378,
325.659

■ 98, 3.505, 324.476

■ 81, 51.141,
326.196

100, 0.847,
144.771

■ 75, 66.290,
326.701

100, 0.847,
144.763

■ 71, 80.304,
327.157

100, 0.847,
144.754

100, 0.847,

■ 67, 92.571,
327.545

144.746

■ 64, 102.473,
327.852

100, 0.847,
144.738

■ 62, 109.539,
328.066

100, 0.847,
144.729

■ 60, 113.614,
328.188

100, 0.847,
144.721

■ 60, 115.092,
328.232

100, 0.846,
144.713

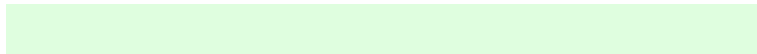
Harmonies

Complementary

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



92, 19.407, 325.101



97, 19.381, 143.713

Rectangle

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



92, 19.407, 325.101



92, 19.407, 15.101



92, 19.407, 145.101



92, 19.407, 195.101

Sweetspot

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



92, 19.404, 325.101



97, 6.352, 324.614



90, 15.863, 290.832



52, 4.516, 324.663



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, 19.404, 325.101



91, 23.957, 325.258



92, 13.852, 343.759



50, 9.057, 324.946



45, 93.083, 328.232



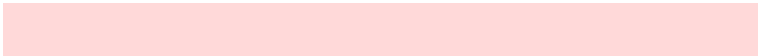
12, 42.823, 328.232

Inverse Universe

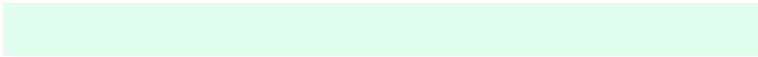
The Inverse Universe completely reimagines the original color for something new.



91, 11.363, 20.161



90, 14.169, 20.395



97, 13.649, 161.766



49, 5.254, 19.942



40, 84.229, 39.999



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIE LCh color 92, 19.407, 325.101 looks on a white background.

Color Contrast Check

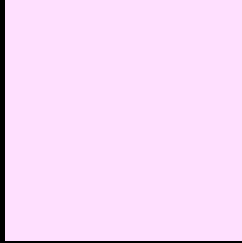
Large Text (above 18pt) WCAG AA × Fail

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, 19.407, 325.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

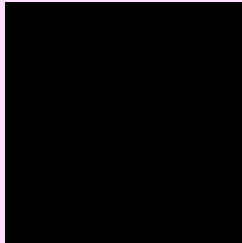
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 19.407, 325.101

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.407, 325.101.




This preview shows how white text looks on a background with the CIELCh color 92, 19.407, 325.101.

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, 19.407, 325.101
	Protanopia 92, 12.427, 288.033
	Deuteranopia 92, 15.527, 316.288



Tritanopia
92, 13.045, 338.042

Trichromacy



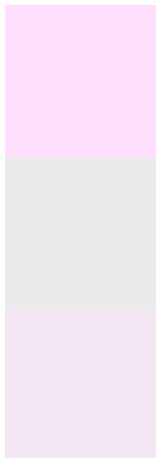
Original Color
92, 19.407, 325.101

Protanomaly
92, 13.952, 305.471

Deuteranomaly
92, 16.628, 319.935

Tritanomaly
92, 15.354, 332.742

Monochromacy



Original Color
92, 19.407, 325.101

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.920, 324.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.407, 325.101 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 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(254, 223, 254) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 92, 19.407, 325.101 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, 254) }
```

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

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

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, 254)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 92, 19.407, 325.101 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, 254) }
```

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

```
.background{ background-color: rgb(254,  
223, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor