

Converting Colors

CIELCh(92, 20.035, 325.121)

Have a look what the booklet for
CIELCh(92, 20.035, 325.121)
contains.

CIELCh(92, 20.037, 325.123)	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, 20.037, 325.123)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEFE
RGB	254, 222, 254
RGB Percent	100%, 87%, 100%
CMY	0.0027, 0.1282, 0.0027
CMYK	0.00, 0.13, 0.00, 0.00
HSL	300°, 96%, 93%
HSV	300°, 13%, 100%
XYZ	85.1233, 80.7044, 105.1127
YIQ	235.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 222, 254
Decimal	16703230
CIE Lab	92.00, 16.44, -11.46
CIE LCh	92, 20.037, 325.123
Yxy	80.7044, 0.3142, 0.2979
Android (android.graphics.Color)	4294893310 (0xFFFEDEFE)
YUV	235.2160, 9.2605, 16.4736
Hunter-Lab	89.8356, 11.9244, -6.4877

Details

The CIELCh color `92, 20.037, 325.123` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `97, 20.011, 143.688`, 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, 19.725, 325.259` is the 20% darker color. If you saturate the color by 10%, you get `86, 36.041, 325.680`, and if you desaturate by 10%, it is `98, 4.094, 324.510`.

Distribution



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



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



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 20.037, 325.123 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, 20.037, 325.123 by changing the saturation by 10% instead.


 92, 20.037,
325.123


 92, 20.037,
325.123


 100, 20.037,
325.123


 82, 20.037,
325.123

 72, 20.037,
325.123

 62, 20.037,
325.123


 52, 20.037,
325.123

 42, 20.037,
325.123


 32, 20.037,
325.123


 22, 20.037,


325.123

 12, 20.037,
325.123


 2, 20.037, 325.123

 92, 20.037,
325.123


 92, 20.037,
325.123

 86, 36.041,
325.680


 98, 4.094, 324.510

 81, 51.823,
326.217

100, 0.419,
145.184

 75, 66.974,
326.721

100, 0.419,
145.209

 71, 80.965,
327.174

100, 0.419,
145.234

100, 0.418,

■ 67, 93.179,
327.560

145.259

■ 64, 103.004,
327.863

100, 0.418,
145.284

■ 62, 109.972,
328.074

100, 0.418,
145.309

■ 61, 113.945,
328.192

100, 0.418,
145.335

■ 60, 115.326,
328.234

100, 0.417,
145.360

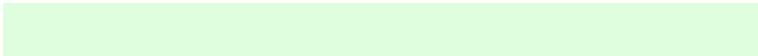
Harmonies

Complementary

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



92, 20.037, 325.123



97, 20.011, 143.688

Rectangle

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



92, 20.037, 325.123



92, 20.037, 15.123



92, 20.037, 145.123



92, 20.037, 195.123

Sweetspot

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



92, 20.034, 325.123



97, 6.352, 324.615



89, 16.674, 291.528



52, 4.516, 324.664



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, 20.034, 325.123



91, 23.957, 325.259



92, 14.148, 344.696



50, 9.057, 324.948



45, 93.081, 328.234



12, 42.822, 328.233

Inverse Universe

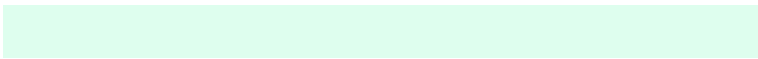
The Inverse Universe completely reimagines the original color for something new.



92, 20.034, 325.123



91, 23.957, 325.259



97, 13.919, 162.606



50, 9.057, 324.948



45, 93.081, 328.234



12, 42.822, 328.233

Previews

White Background



This preview shows how the CIELCh color 92, 20.037, 325.123 looks on a white background.

Color Contrast Check

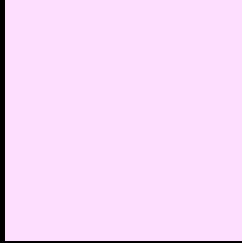
Large Text (above 18pt) WCAG AA × Fail

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, 20.037, 325.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

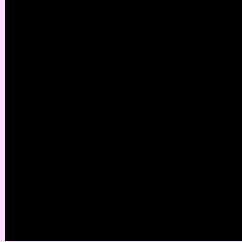
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

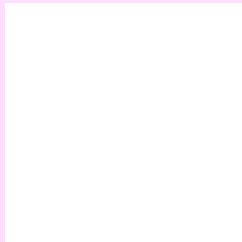
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 20.037, 325.123

Background



This preview shows how black text looks on a background with the CIELCh color 92, 20.037, 325.123.



This preview shows how white text looks on a background with the CIELCh color 92, 20.037, 325.123.

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, 20.037, 325.123
	Protanopia 92, 12.427, 288.033
	Deuteranopia 92, 15.994, 315.503



Tritanopia
92, 13.922, 338.512

Trichromacy



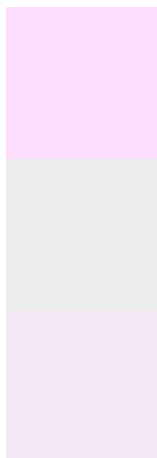
Original Color
92, 20.037, 325.123

Protanomaly
92, 14.453, 304.982

Deuteranomaly
92, 17.079, 319.097

Tritanomaly
92, 15.978, 332.468

Monochromacy



Original Color
92, 20.037, 325.123

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.545, 324.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 20.037, 325.123 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, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 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, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 20.037, 325.123 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, 222, 254) }
```

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

```
.border{ border-color:rgb(254, 222, 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, 222, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 20.037, 325.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 254) }
```

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

```
.background{ background-color: rgb(254,  
222, 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