

Converting Colors

CIELCh(92, 7.671, 347.334)

Have a look what the booklet for
CIELCh(92, 7.671, 347.334) contains.

CIELCh(92, 7.677, 347.337)	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, 7.677, 347.337)

Conversions

Conversions Part 1

Format	Color
Hex	F5E3EB
RGB	245, 227, 235
RGB Percent	96%, 89%, 92%
CMY	0.0374, 0.1080, 0.0766
CMYK	0.00, 0.07, 0.04, 0.04
HSL	333°, 49%, 93%
HSV	333°, 7%, 96%
XYZ	80.4697, 80.7044, 90.2776
YIQ	233.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

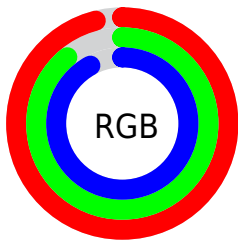
Format	Color
R _Y B	245, 227, 235
Decimal	16114667
CIE Lab	92.00, 7.49, -1.68
CIE LCh	92, 7.677, 347.337
Yxy	80.7044, 0.3200, 0.3210
Android (android.graphics.Color)	4294304747 (0xFF5E3EB)
YUV	233.2940, 0.8411, 10.2662
Hunter-Lab	89.8356, 2.6779, 3.3033

Details

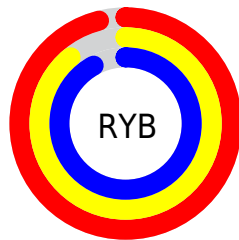
The CIELCh color $92, 7.677, 347.337$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $95, 7.574, 166.193$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $72, 7.474, 349.442$ is the 20% darker color. If you saturate the color by 10%, you get $86, 18.380, 348.345$, and if you desaturate by 10%, it is $98, 2.734, 166.729$.

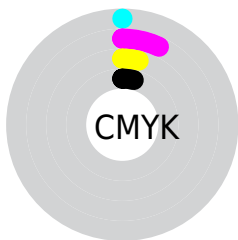
Distribution



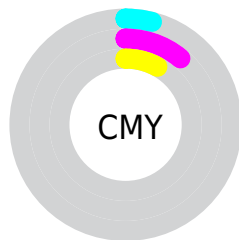
- Red (96%)
- Green (89%)
- Blue (92%)



- Red (96%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.677, 347.337 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, 7.677, 347.337 by changing the saturation by 10% instead.

 92, 7.677, 347.337

 92, 7.677, 347.337

 100, 7.677,
347.337

 82, 7.677, 347.337

 72, 7.677, 347.337

 62, 7.677, 347.337

 52, 7.677, 347.337

 42, 7.677, 347.337

 32, 7.677, 347.337

 22, 7.677, 347.337

 12, 7.677, 347.337

 2, 7.677, 347.337

92, 7.677, 347.337

92, 7.677, 347.337

86, 18.380,
348.345

98, 2.734, 166.729

80, 29.263,
349.447

99, 3.300, 199.397

74, 40.115,
350.712

68, 50.615,
352.199

64, 60.315,
353.994

60, 68.668,
356.216

56, 75.137,
359.020

54, 79.393, 2.588

■ 53, 81.593, 7.049

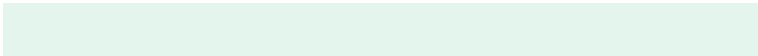
Harmonies

Complementary

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



92, 7.677, 347.337



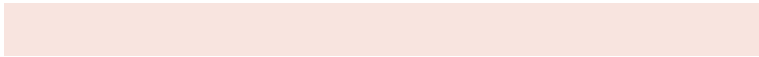
95, 7.574, 166.193

Rectangle

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



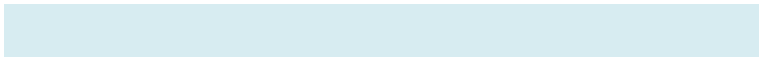
92, 7.677, 347.337



92, 7.677, 37.337



92, 7.677, 167.337



92, 7.677, 217.337

Sweetspot

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



92, 7.674, 347.344



99, 2.146, 346.700



92, 9.996, 311.095



53, 1.220, 346.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

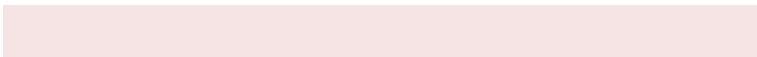
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 7.674, 347.344



94, 9.736, 347.511



92, 6.203, 24.016



48, 5.952, 347.557



40, 66.650, 7.391



9, 29.841, 0.347

Inverse Universe

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



92, 7.674, 347.344



94, 9.736, 347.511



95, 5.918, 203.618



48, 5.952, 347.557



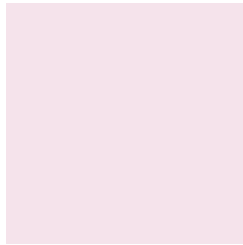
40, 66.650, 7.391



9, 29.841, 0.347

Previews

White Background



This preview shows how the CIELCh color 92, 7.677, 347.337 looks on a white background.

Color Contrast Check

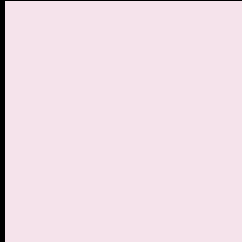
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 7.677, 347.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

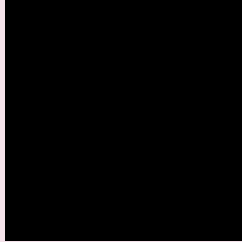
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

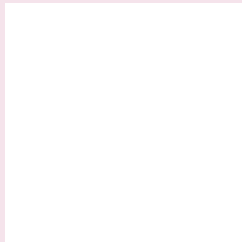
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.677, 347.337

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.677, 347.337.

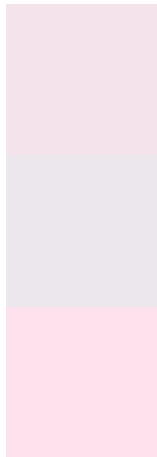


This preview shows how white text looks on a background with the CIELCh color 92, 7.677, 347.337.

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, 7.677, 347.337

Protanopia

92, 3.434, 314.717

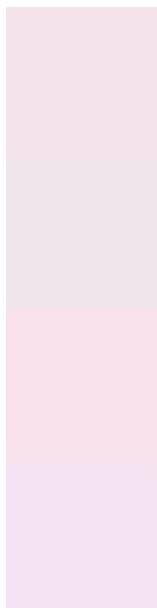
Deuteranopia

92, 11.561, 350.841



Tritanopia
92, 11.953, 329.091

Trichromacy



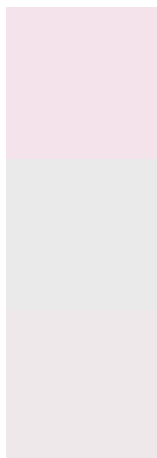
Original Color
92, 7.677, 347.337

Protanomaly
92, 4.484, 335.840

Deuteranomaly
92, 10.053, 349.220

Tritanomaly
92, 9.930, 333.310

Monochromacy



Original Color
92, 7.677, 347.337

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.656, 343.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.677, 347.337 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(245, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 235)  
}
```

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(245, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.677, 347.337 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(245, 227, 235) }
```

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

```
.border{ border-color:rgb(245, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 227,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.677, 347.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 235) }
```

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

```
.background{ background-color: rgb(245,  
227, 235) }
```

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