

Converting Colors

CIELCh(92, 10.546, 336.219)

Have a look what the booklet for
CIELCh(92, 10.546, 336.219)
contains.

CIELCh(92, 10.436, 336.230)	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, 10.436, 336.230)

Conversions

Conversions Part 1

Format	Color
Hex	F7E2F0
RGB	247, 226, 240
RGB Percent	97%, 89%, 94%
CMY	0.0301, 0.1125, 0.0576
CMYK	0.00, 0.08, 0.03, 0.03
HSL	320°, 58%, 93%
HSV	320°, 8%, 97%
XYZ	81.5259, 80.7044, 93.9641
YIQ	233.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

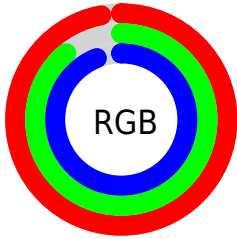
Format	Color
R_{YB}	247, 226, 240
Decimal	16245488
CIE Lab	92.00, 9.55, -4.21
CIE LCh	92, 10.436, 336.230
Yxy	80.7044, 0.3182, 0.3150
Android (android.graphics.Color)	4294435568 (0xFFFF7E2F0)
YUV	233.8750, 3.0196, 11.5106
Hunter-Lab	89.8356, 4.7765, 0.8702

Details

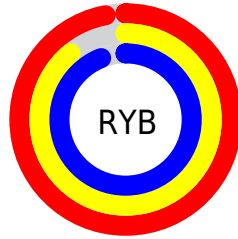
The CIELCh color `92, 10.436, 336.230` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 10.374, 155.092`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 10.324, 337.096` is the 20% darker color. If you saturate the color by 10%, you get `86, 22.880, 337.008`, and if you desaturate by 10%, it is `98, 1.823, 155.793`.

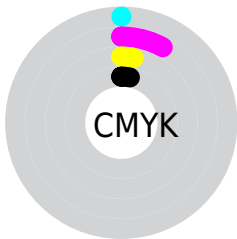
Distribution



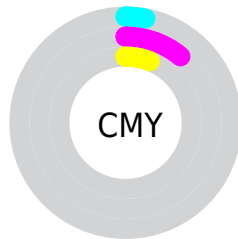
- Red (97%)
- Green (89%)
- Blue (94%)



- Red (97%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 10.436, 336.230 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, 10.436, 336.230 by changing the saturation by 10% instead.


 92, 10.436,
336.230


 92, 10.436,
336.230


 100, 10.436,
336.230


 82, 10.436,
336.230

 72, 10.436,
336.230

 62, 10.436,
336.230

 52, 10.436,
336.230

 42, 10.436,
336.230

 32, 10.436,
336.230

 22, 10.436,

336.230

■ 12, 10.436,
336.230

■ 2, 10.436, 336.230

■ 92, 10.436,
336.230

■ 92, 10.436,
336.230

■ 86, 22.880,
337.008

■ 98, 1.823, 155.793

■ 80, 35.340,
337.826

■ 99, 2.661, 199.485

■ 74, 47.535,
338.710

■ 69, 59.065,
339.681

■ 65, 69.400,
340.771

■ 61, 77.923,
342.026

■ 58, 84.039,
343.515

■ 56, 87.369,
345.327

■ 55, 88.056,
347.543

Harmonies

Complementary

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



92, 10.436, 336.230



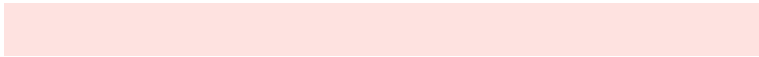
96, 10.374, 155.092

Rectangle

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



92, 10.436, 336.230



92, 10.436, 26.230



92, 10.436, 156.230



92, 10.436, 206.230

Sweetspot

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



92, 10.433, 336.233



98, 3.763, 335.769



91, 11.204, 303.520



52, 2.854, 335.849



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

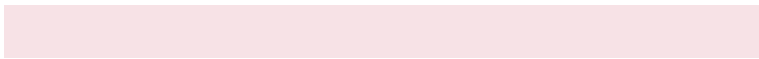
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.433, 336.233



94, 12.611, 336.350



92, 7.803, 6.526



48, 6.931, 336.309



41, 71.390, 347.436



10, 32.618, 344.117

Inverse Universe

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



92, 10.433, 336.233



94, 12.611, 336.350



96, 7.518, 185.171



48, 6.931, 336.309



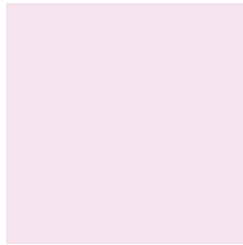
41, 71.390, 347.436



10, 32.618, 344.117

Previews

White Background



This preview shows how the CIELCh color 92, 10.436, 336.230 looks on a white background.

Color Contrast Check

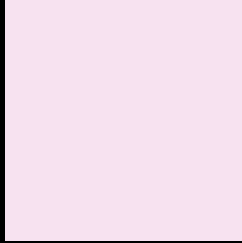
Large Text (above 18pt) WCAG AA × Fail

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, 10.436, 336.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

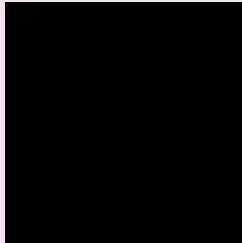
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 10.436, 336.230

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.436, 336.230.

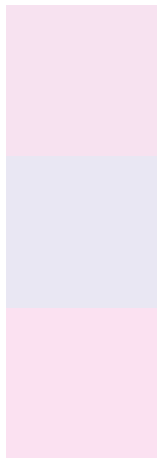


This preview shows how white text looks on a background with the CIELCh color 92, 10.436, 336.230.

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, 10.436, 336.230

Protanopia

92, 6.264, 297.070

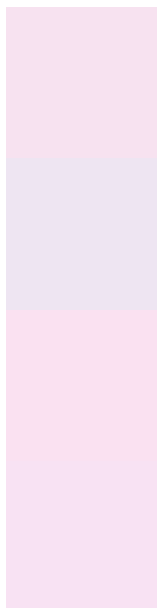
Deuteranopia

92, 12.442, 338.668



Tritanopia
92, 12.176, 330.419

Trichromacy



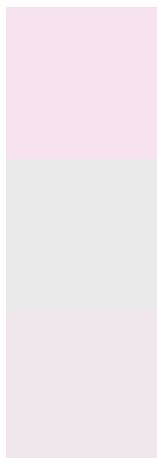
Original Color
92, 10.436, 336.230

Protanomaly
92, 7.476, 315.686

Deuteranomaly
92, 12.178, 337.517

Tritanomaly
92, 11.789, 332.037

Monochromacy



Original Color
92, 10.436, 336.230

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.867, 337.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.436, 336.230 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(247, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 240)  
}
```

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(247, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.436, 336.230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

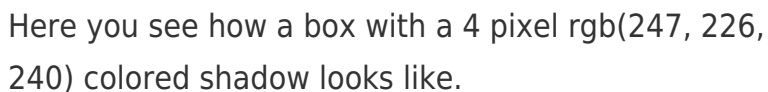
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 226, 240) }
```

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

```
.border{ border-color:rgb(247, 226, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 226, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 226, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 226, 240); box-shadow:4px 4px 4px 4px rgb(247, 226, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.436, 336.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 240) }
```

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

```
.background{ background-color: rgb(247,  
226, 240) }
```

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