

Converting Colors

CIELCh(100, 42.386, 9.566)

Have a look what the booklet for
CIELCh(100, 42.386, 9.566) contains.

CIELCh(92, 14.788, 338.931)	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, 14.788, 338.931)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F3
RGB	255, 224, 243
RGB Percent	100%, 88%, 95%
CMY	0.0017, 0.1232, 0.0487
CMYK	0.00, 0.12, 0.05, 0.00
HSL	323°, 97%, 94%
HSV	323°, 12%, 100%
XYZ	83.7329, 80.7044, 95.6166
YIQ	235.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

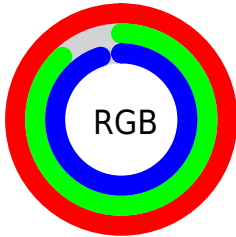
Format	Color
R_{YB}	255, 224, 243
Decimal	16769267
CIE _{Lab}	92.00, 13.80, -5.32
CIE _{LCh}	92, 14.788, 338.931
Yxy	80.7044, 0.3220, 0.3103
Android (android.graphics.Color)	4294959347 (0xFFFFE0F3)
YUV	235.4350, 3.7295, 17.1585
Hunter-Lab	89.8356, 9.1616, -0.2204

Details

The CIELCh color `92, 14.788, 338.931` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `97, 14.649, 157.117`, 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, 14.615, 338.755` is the 20% darker color. If you saturate the color by 10%, you get `86, 27.113, 339.779`, and if you desaturate by 10%, it is `98, 2.617, 338.029`.

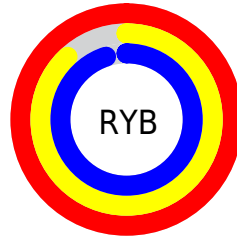
Distribution



Red (100%)

Green (88%)

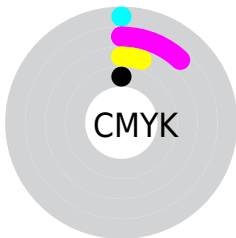
Blue (95%)



Red (100%)

Yellow (88%)

Blue (95%)

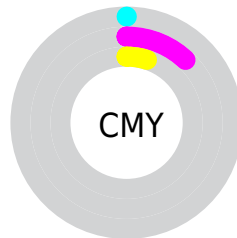


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 14.788, 338.931 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, 14.788, 338.931 by changing the saturation by 10% instead.


 92, 14.788,
338.931


 92, 14.788,
338.931


 100, 14.788,
338.931


 82, 14.788,
338.931


 72, 14.788,
338.931

 62, 14.788,
338.931

 52, 14.788,
338.931

 42, 14.788,
338.931

 32, 14.788,
338.931

 22, 14.788,

338.931

■ 12, 14.788,
338.931

■ 2, 14.788, 338.931

■ 92, 14.788,
338.931

■ 92, 14.788,
338.931

■ 86, 27.113,
339.779

■ 98, 2.617, 338.029

■ 80, 39.393,
340.696

100, 0.151,
203.789

■ 74, 51.310,
341.713

■ 69, 62.414,
342.862

■ 65, 72.130,
344.196

■ 61, 79.823,
345.788

■ 58, 84.944,
347.741

■ 56, 87.258,
350.176

■ 56, 87.484,
352.445

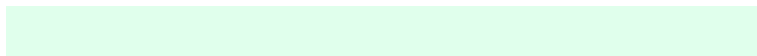
Harmonies

Complementary

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



92, 14.788, 338.931



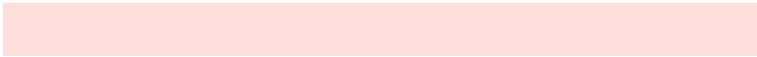
97, 14.649, 157.117

Rectangle

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



92, 14.788, 338.931



92, 14.788, 28.931



92, 14.788, 158.931



92, 14.788, 208.931

Sweetspot

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



92, 14.785, 338.933



97, 4.830, 338.241



91, 16.668, 305.536



52, 3.435, 338.312



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, 14.785, 338.933



90, 18.288, 339.167



92, 11.440, 10.830



50, 6.899, 338.715



42, 70.775, 351.874



11, 33.361, 348.049

Inverse Universe

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



92, 14.785, 338.933



90, 18.288, 339.167



98, 10.763, 188.877



50, 6.899, 338.715



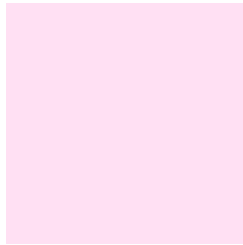
42, 70.775, 351.874



11, 33.361, 348.049

Previews

White Background



This preview shows how the CIELCh color 92, 14.788, 338.931 looks on a white background.

Color Contrast Check

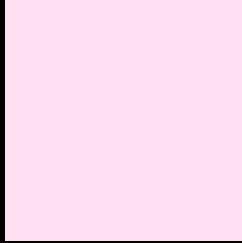
Large Text (above 18pt) WCAG AA × Fail

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, 14.788, 338.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

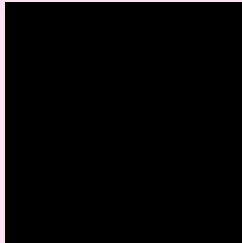
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 14.788, 338.931

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.788, 338.931.

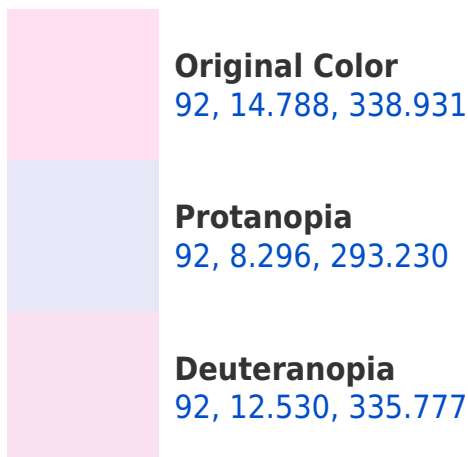


This preview shows how white text looks on a background with the CIELCh color 92, 14.788, 338.931.

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





Tritanopia
92, 13.864, 341.136

Trichromacy



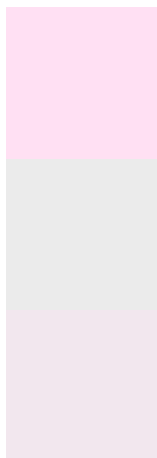
Original Color
92, 14.788, 338.931

Protanomaly
92, 9.804, 316.189

Deuteranomaly
92, 13.660, 337.477

Tritanomaly
92, 14.189, 339.511

Monochromacy



Original Color
92, 14.788, 338.931

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.352, 337.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.788, 338.931 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(255, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 243)  
}
```

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(255, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.788, 338.931 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(255, 224, 243) }
```

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

```
.border{ border-color:rgb(255, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 243); box-shadow:4px 4px 4px 4px rgb(255, 224, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.788, 338.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 243) }
```

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

```
.background{ background-color: rgb(255,  
224, 243) }
```

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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