

Converting Colors

CIELCh(91, 16.728, 343.084)

Have a look what the booklet for
CIELCh(91, 16.728, 343.084)
contains.

CIELCh(91, 16.535, 341.900)	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(91, 16.535, 341.900)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBEF
RGB	255, 219, 239
RGB Percent	100%, 86%, 94%
CMY	0.0000, 0.1395, 0.0611
CMYK	0.00, 0.14, 0.06, 0.00
HSL	326°, 100%, 93%
HSV	326°, 14%, 100%
XYZ	82.4850, 78.4833, 92.7943
YIQ	232.0440, 15.0360, 13.8520

Conversions

Conversions Part 2

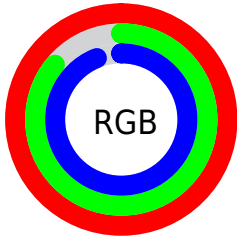
Format	Color
R _{YB}	255, 219, 239
Decimal	16767983
CIE _{Lab}	91.00, 15.72, -5.14
CIE _{LCh}	91, 16.535, 341.900
Y _{xy}	78.4833, 0.3250, 0.3093
Android (android.graphics.Color)	4294958063 (0xFFFFDBEF)
Y _{UV}	232.0440, 3.4293, 20.1324
Hunter-Lab	88.5908, 11.1636, -0.0896

Details

The CIELCh color **91, 16.535, 341.900** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 16.193, 159.323**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 16.455, 341.984** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.377, 342.462**, and if you desaturate by 10%, it is **97, 4.601, 340.650**.

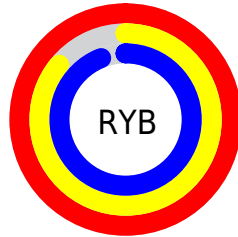
Distribution



Red (100%)

Green (86%)

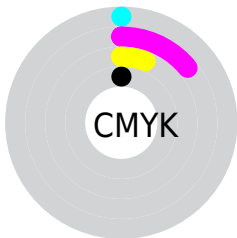
Blue (94%)



Red (100%)

Yellow (86%)

Blue (94%)

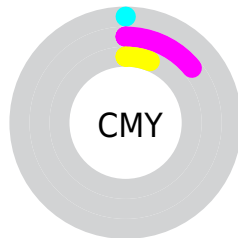


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 16.535, 341.900 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 91, 16.535, 341.900 by changing the saturation by 10% instead.


 91, 16.535,
341.900


 91, 16.535,
341.900


 100, 16.535,
341.900


 81, 16.535,
341.900


 71, 16.535,
341.900

 61, 16.535,
341.900

 51, 16.535,
341.900

 41, 16.535,
341.900

 31, 16.535,
341.900

 21, 16.535,

341.900

■ 11, 16.535,
341.900

■ 1, 16.535, 341.900

■ 91, 16.535,
341.900

■ 91, 16.535,
341.900

■ 85, 28.377,
342.462

■ 97, 4.601, 340.650

■ 79, 40.285,
343.475

100, 0.012,
296.813

■ 73, 51.811,
344.619

■ 68, 62.492,
345.944

■ 64, 71.748,
347.518

■ 60, 78.954,
349.442

■ 57, 83.613,
351.847

■ 56, 85.595,
354.878

■ 55, 85.851,
357.009

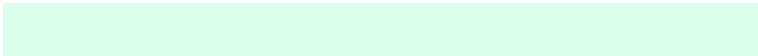
Harmonies

Complementary

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



91, 16.535, 341.900



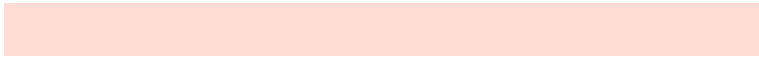
97, 16.193, 159.323

Rectangle

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



91, 16.535, 341.900



91, 16.535, 31.900



91, 16.535, 161.900



91, 16.535, 211.900

Sweetspot

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



91, 16.411, 341.544



97, 4.659, 340.655



90, 19.344, 307.398



52, 3.313, 340.730



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

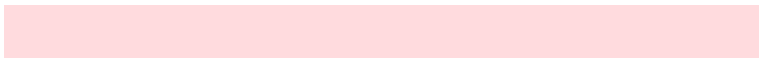
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 16.411, 341.544



89, 20.052, 341.816



91, 13.125, 14.983



50, 6.659, 341.156



42, 69.323, 356.318



11, 32.591, 351.704

Inverse Universe

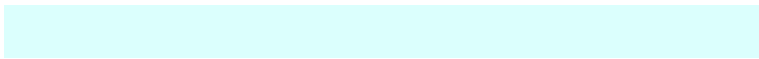
The Inverse Universe completely reimagines the original color for something new.



91, 16.411, 341.544



89, 20.052, 341.816



98, 12.127, 192.936



50, 6.659, 341.156



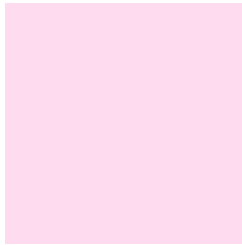
42, 69.323, 356.318



11, 32.591, 351.704

Previews

White Background



This preview shows how the CIELCh color 91, 16.535, 341.900 looks on a white background.

Color Contrast Check

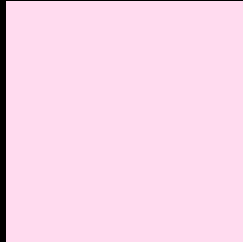
Large Text (above 18pt) WCAG AA × Fail

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 91, 16.535, 341.900 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 91, 16.535, 341.900

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.535, 341.900.



This preview shows how white text looks on a background with the CIELCh color 91, 16.535, 341.900.

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
91, 16.535, 341.900

Protanopia
91, 8.834, 293.133

Deuteranopia
91, 12.560, 335.786



Tritanopia
91, 15.341, 345.597

Trichromacy



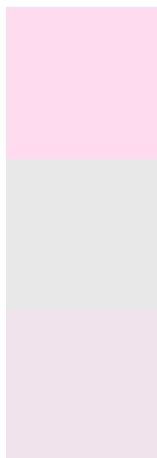
Original Color
91, 16.535, 341.900

Protanomaly
91, 10.446, 316.725

Deuteranomaly
91, 13.955, 338.523

Tritanomaly
91, 15.631, 344.027

Monochromacy



Original Color
91, 16.535, 341.900

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 6.245, 338.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 16.535, 341.900 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, 219, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 239)  
}
```

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, 219, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.535, 341.900 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, 219, 239) }
```

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

```
.border{ border-color:rgb(255, 219, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.535, 341.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 239) }
```

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

```
.background{ background-color: rgb(255,  
219, 239) }
```

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