

Converting Colors

CIELCh(89, 19.571, 346.830)

Have a look what the booklet for
CIELCh(89, 19.571, 346.830)
contains.

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Color

CIELCh(89, 19.538, 345.143)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4EA
RGB	255, 212, 234
RGB Percent	100%, 83%, 92%
CMY	0.0000, 0.1703, 0.0840
CMYK	0.00, 0.17, 0.08, 0.00
HSL	330°, 100%, 91%
HSV	330°, 17%, 100%
XYZ	79.6881, 74.1641, 87.6432
YIQ	227.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

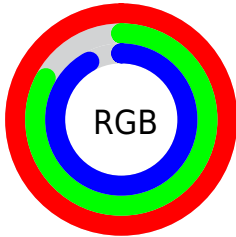
Format	Color
R _Y B	255, 212, 234
Decimal	16766186
CIE Lab	89.00, 18.88, -5.01
CIE LCh	89, 19.538, 345.143
Yxy	74.1641, 0.3300, 0.3071
Android (android.graphics.Color)	4294956266 (0xFFFFD4EA)
YUV	227.3650, 3.2711, 24.2359
Hunter-Lab	86.1186, 14.4638, -0.0566

Details

The CIELCh color `89, 19.538, 345.143` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `97, 18.959, 161.825`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 19.298, 344.781` is the 20% darker color. If you saturate the color by 10%, you get `83, 30.958, 345.766`, and if you desaturate by 10%, it is `95, 7.902, 343.810`.

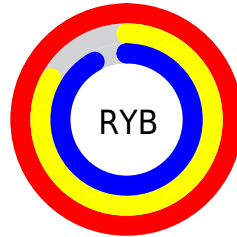
Distribution



Red (100%)

Green (83%)

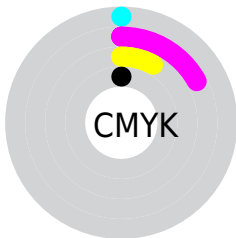
Blue (92%)



Red (100%)

Yellow (83%)

Blue (92%)

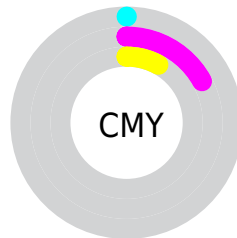


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 19.538, 345.143 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 89, 19.538, 345.143 by changing the saturation by 10% instead.


 89, 19.538,
345.143


 89, 19.538,
345.143


 100, 19.538,
345.143


 79, 19.538,
345.143

 69, 19.538,
345.143

 59, 19.538,
345.143

 49, 19.538,
345.143

 39, 19.538,
345.143

 29, 19.538,
345.143

 19, 19.538,

345.143

■ 9, 19.538, 345.143

■ 0, 19.538, 345.143

■ 89, 19.538,
345.143

■ 89, 19.538,
345.143

■ 83, 30.958,
345.766

■ 95, 7.902, 343.810

■ 77, 42.463,
346.915

100, 0.012,
296.813

■ 71, 53.526,
348.245

■ 66, 63.661,
349.824

■ 62, 72.281,

351.749

■ 59, 78.795,
354.153

■ 56, 82.818,
357.201

■ 55, 84.438, 1.040

■ 55, 84.709, 2.285

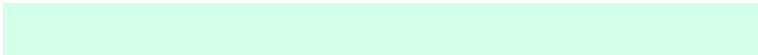
Harmonies

Complementary

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



89, 19.538, 345.143



97, 18.959, 161.825

Rectangle

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



89, 19.538, 345.143



89, 19.538, 35.143



89, 19.538, 165.143



89, 19.538, 215.143

Sweetspot

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



89, 19.361, 344.748



97, 5.609, 343.613



88, 23.931, 309.291



51, 3.830, 343.683



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 19.361, 344.748



87, 22.802, 345.039



88, 16.195, 19.257



50, 6.412, 344.041



41, 68.324, 1.469



10, 31.934, 355.975

Inverse Universe

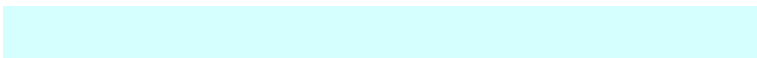
The Inverse Universe completely reimagines the original color for something new.



89, 19.361, 344.748



87, 22.802, 345.039



97, 14.533, 197.068



50, 6.412, 344.041



41, 68.324, 1.469



10, 31.934, 355.975

Previews

White Background



This preview shows how the CIELCh color 89, 19.538, 345.143 looks on a white background.

Color Contrast Check

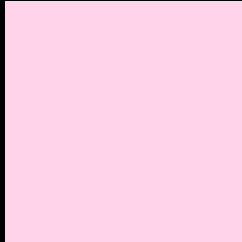
Large Text (above 18pt) WCAG AA × Fail

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 89, 19.538, 345.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

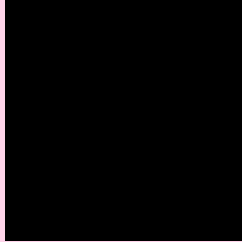
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 19.538, 345.143

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.538, 345.143.



This preview shows how white text looks on a background with the CIELCh color 89, 19.538, 345.143.

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
89, 19.231, 344.467

Protanopia
89, 9.399, 293.063

Deuteranopia
89, 11.997, 336.341



Tritanopia
89, 17.592, 350.672

Trichromacy



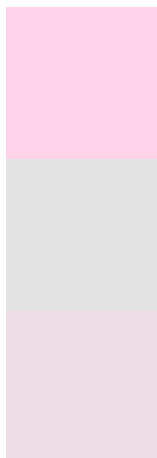
Original Color
89, 19.231, 344.467

Protanomaly
89, 12.087, 320.653

Deuteranomaly
89, 14.564, 340.511

Tritanomaly
89, 18.099, 347.788

Monochromacy



Original Color
89, 19.231, 344.467

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.118, 344.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.538, 345.143 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, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 234)  
}
```

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, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.538, 345.143 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, 212, 234) }
```

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

```
.border{ border-color:rgb(255, 212, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.538, 345.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 234) }
```

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

```
.background{ background-color: rgb(255,  
212, 234) }
```

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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