

Converting Colors

CIELCh(89, 20.063, 343.733)

Have a look what the booklet for
CIELCh(89, 20.063, 343.733)
contains.

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Color

CIELCh(89, 20.129, 342.704)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3EB
RGB	255, 211, 235
RGB Percent	100%, 83%, 92%
CMY	0.0000, 0.1709, 0.0767
CMYK	0.00, 0.17, 0.08, 0.00
HSL	327°, 100%, 91%
HSV	327°, 17%, 100%
XYZ	79.8576, 74.1641, 89.0281
YIQ	226.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

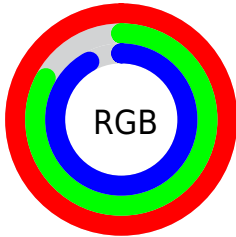
Format	Color
R _{YB}	255, 211, 235
Decimal	16765931
CIE Lab	89.00, 19.22, -5.98
CIE LCh	89, 20.129, 342.704
Yxy	74.1641, 0.3286, 0.3051
Android (android.graphics.Color)	4294956011 (0xFFFFD3EB)
YUV	226.8920, 3.9972, 24.6507
Hunter-Lab	86.1186, 14.8150, -1.0101

Details

The CIELCh color **89, 20.129, 342.704** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.666, 159.588**, 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, 20.236, 342.932** is the 20% darker color. If you saturate the color by 10%, you get **83, 31.897, 343.367**, and if you desaturate by 10%, it is **95, 8.215, 341.517**.

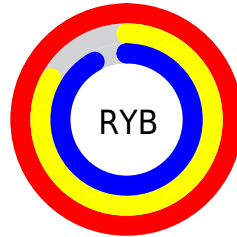
Distribution



Red (100%)

Green (83%)

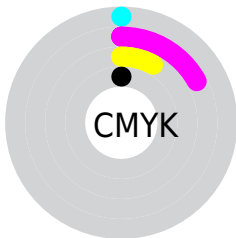
Blue (92%)



Red (100%)

Yellow (83%)

Blue (92%)

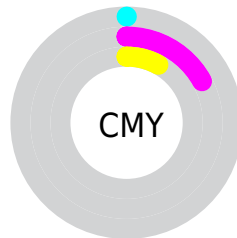


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 20.129, 342.704 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, 20.129, 342.704 by changing the saturation by 10% instead.


 89, 20.129,
342.704


 89, 20.129,
342.704


 100, 20.129,
342.704


 79, 20.129,
342.704

 69, 20.129,
342.704

 59, 20.129,
342.704

 49, 20.129,
342.704

 39, 20.129,
342.704

 29, 20.129,
342.704

 19, 20.129,

342.704

■ 9, 20.129, 342.704

■ 0, 20.129, 342.704

■ 89, 20.129,
342.704

■ 89, 20.129,
342.704

■ 83, 31.897,
343.367

■ 95, 8.215, 341.517

■ 77, 43.656,
344.438

100, 0.012,
296.813

■ 71, 54.915,
345.660

■ 67, 65.175,
347.092

■ 62, 73.832,

348.816

■ 59, 80.283,
350.946

■ 57, 84.121,
353.626

■ 56, 85.406,
356.999

■ 55, 85.548,
358.073

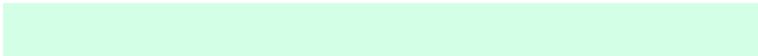
Harmonies

Complementary

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



89, 20.129, 342.704



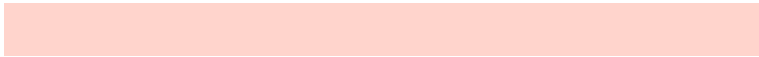
96, 19.666, 159.588

Rectangle

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



89, 20.129, 342.704



89, 20.129, 32.704



89, 20.129, 162.704



89, 20.129, 212.704

Sweetspot

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



89, 20.003, 342.408



97, 5.783, 341.324



87, 23.809, 307.571



51, 3.948, 341.390



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, 20.003, 342.408



87, 24.655, 342.772



88, 16.255, 15.301



50, 6.607, 341.731



41, 69.065, 357.356



11, 32.439, 352.561

Inverse Universe

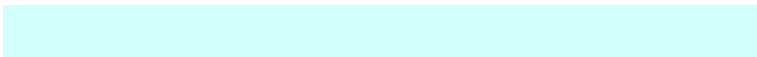
The Inverse Universe completely reimagines the original color for something new.



89, 20.003, 342.408



87, 24.655, 342.772



97, 14.737, 192.704



50, 6.607, 341.731



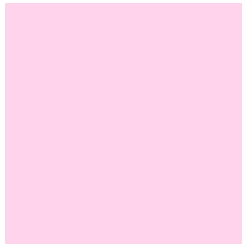
41, 69.065, 357.356



11, 32.439, 352.561

Previews

White Background



This preview shows how the CIELCh color 89, 20.129, 342.704 looks on a white background.

Color Contrast Check

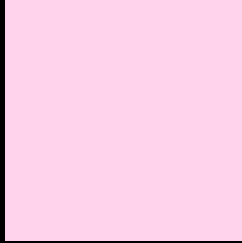
Large Text (above 18pt) WCAG AA × Fail

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, 20.129, 342.704 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, 20.129, 342.704

Background



This preview shows how black text looks on a background with the CIELCh color 89, 20.129, 342.704.



This preview shows how white text looks on a background with the CIELCh color 89, 20.129, 342.704.

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, 20.129, 342.704

Protanopia

89, 10.429, 291.034

Deuteranopia

89, 12.114, 333.354



Tritanopia
89, 17.592, 350.672

Trichromacy



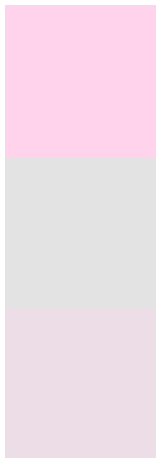
Original Color
89, 20.129, 342.704

Protanomaly
89, 12.838, 316.963

Deuteranomaly
89, 14.977, 336.517

Tritanomaly
89, 18.099, 347.788

Monochromacy



Original Color
89, 20.129, 342.704

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.431, 340.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 20.129, 342.704 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, 211, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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(255, 211, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 20.129, 342.704 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, 211, 235) }
```

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

```
.border{ border-color:rgb(255, 211, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 20.129, 342.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 235) }
```

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

```
.background{ background-color: rgb(255,  
211, 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](#).

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