

Converting Colors

CIELCh(89, 20.282, 337.847)

Have a look what the booklet for
CIELCh(89, 20.282, 337.847)
contains.

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Color

CIELCh(89, 20.284, 337.183)

Conversions

Conversions Part 1

Format	Color
Hex	FDD4EF
RGB	253, 212, 239
RGB Percent	99%, 83%, 94%
CMY	0.0080, 0.1688, 0.0629
CMYK	0.00, 0.16, 0.06, 0.01
HSL	320°, 91%, 91%
HSV	320°, 16%, 99%
XYZ	79.5928, 74.1641, 91.7421
YIQ	227.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

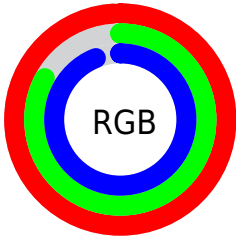
Format	Color
R _Y B	253, 212, 239
Decimal	16635119
CIE Lab	89.00, 18.70, -7.87
CIE LCh	89, 20.284, 337.183
Yxy	74.1641, 0.3242, 0.3021
Android (android.graphics.Color)	4294825199 (0xFFFDD4EF)
YUV	227.3370, 5.7499, 22.5065
Hunter-Lab	86.1186, 14.2662, -2.8786

Details

The CIELCh color **89, 20.284, 337.183** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 20.098, 154.787**, 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, 20.397, 337.094** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.922, 338.000**, and if you desaturate by 10%, it is **95, 7.706, 336.401**.

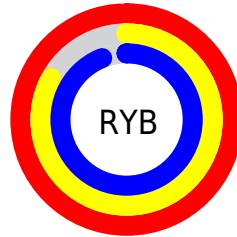
Distribution



Red (99%)

Green (83%)

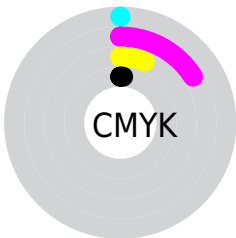
Blue (94%)



Red (99%)

Yellow (83%)

Blue (94%)

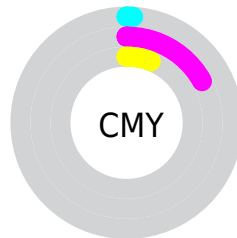


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 20.284, 337.183 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, 20.284, 337.183 by changing the saturation by 10% instead.


 89, 20.284,
337.183


 89, 20.284,
337.183


 100, 20.284,
337.183


 79, 20.284,
337.183

 69, 20.284,
337.183

 59, 20.284,
337.183

 49, 20.284,
337.183

 39, 20.284,
337.183

 29, 20.284,
337.183

 19, 20.284,

337.183

■ 9, 20.284, 337.183

■ 0, 20.284, 337.183

■ 89, 20.284,
337.183

■ 89, 20.284,
337.183

■ 83, 32.922,
338.000

■ 95, 7.706, 336.401

■ 77, 45.371,
338.881

100, 0.713,
200.290

■ 72, 57.253,
339.848

■ 67, 68.055,
340.932

■ 63, 77.164,

342.178

■ 60, 83.952,
343.652

■ 57, 87.964,
345.444

■ 56, 89.149,
347.654

■ 56, 89.146,
348.584

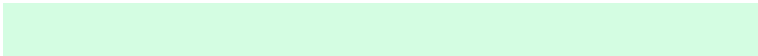
Harmonies

Complementary

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



89, 20.284, 337.183



96, 20.098, 154.787

Rectangle

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



89, 20.284, 337.183



89, 20.284, 27.183



89, 20.284, 157.183



89, 20.284, 207.183

Sweetspot

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



89, 20.281, 337.184



97, 6.243, 336.301



87, 22.066, 304.006



51, 4.262, 336.360



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, 20.281, 337.184



88, 23.972, 337.408



88, 15.503, 7.373



50, 7.126, 336.662



42, 72.478, 348.122



11, 34.179, 344.970

Inverse Universe

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



89, 20.281, 337.184



88, 23.972, 337.408



96, 14.426, 184.443



50, 7.126, 336.662



42, 72.478, 348.122



11, 34.179, 344.970

Previews

White Background



This preview shows how the CIELCh color 89, 20.284, 337.183 looks on a white background.

Color Contrast Check

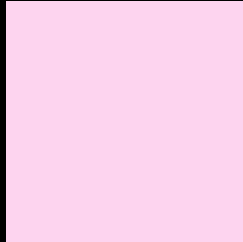
Large Text (above 18pt) WCAG AA × Fail

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, 20.284, 337.183 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, 20.284, 337.183

Background



This preview shows how black text looks on a background with the CIELCh color 89, 20.284, 337.183.



This preview shows how white text looks on a background with the CIELCh color 89, 20.284, 337.183.

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, 20.284, 337.183

Protanopia
89, 11.991, 289.523

Deuteranopia
89, 13.487, 326.175



Tritanopia
89, 16.641, 348.657

Trichromacy



Original Color
89, 20.284, 337.183

Protanomaly
89, 14.118, 312.907

Deuteranomaly
89, 15.846, 331.500

Tritanomaly
89, 17.471, 344.269

Monochromacy



Original Color
89, 20.284, 337.183

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.884, 337.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 20.284, 337.183 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(253, 212, 239)` looks like.

```
.text, #text, p{  
    color:rgb(253, 212, 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(253, 212, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 212, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 20.284, 337.183 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(253, 212, 239) }
```

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

```
.border{ border-color:rgb(253, 212, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 212, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 212, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 212, 239);  
box-shadow:4px 4px 4px 4px rgb(253, 212,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 20.284, 337.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 212, 239) }
```

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

```
.background{ background-color: rgb(253,  
212, 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](#).

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