

Converting Colors

CIELCh(90, 50.089, 357.832)

Have a look what the booklet for
CIELCh(90, 50.089, 357.832)
contains.

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Color

CIELCh(84, 32.572, 338.292)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEE9
RGB	255, 190, 233
RGB Percent	100%, 75%, 91%
CMY	0.0000, 0.2555, 0.0868
CMYK	0.00, 0.26, 0.09, 0.00
HSL	320°, 100%, 87%
HSV	320°, 26%, 100%
XYZ	74.6395, 64.0658, 85.4253
YIQ	214.3370, 24.9370, 27.1530

Conversions

Conversions Part 2

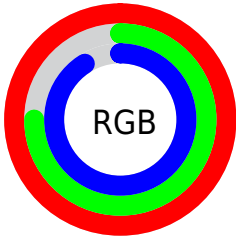
Format	Color
R_{YB}	255, 190, 233
Decimal	16760553
CIE _{Lab}	84.00, 30.26, -12.05
CIE _{LCh}	84, 32.572, 338.292
Yxy	64.0658, 0.3330, 0.2858
Android (android.graphics.Color)	4294950633 (0xFFFFBEE9)
YUV	214.3370, 9.2009, 35.6615
Hunter-Lab	80.0411, 26.3820, -7.2496

Details

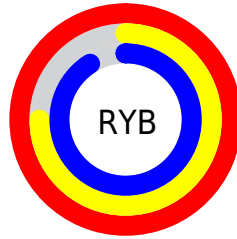
The CIELCh color $84, 32.572, 338.292$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 31.931, 153.853$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $64, 32.297, 338.273$ is the 20% darker color. If you saturate the color by 10%, you get $78, 44.912, 338.737$, and if you desaturate by 10%, it is $90, 19.603, 337.053$.

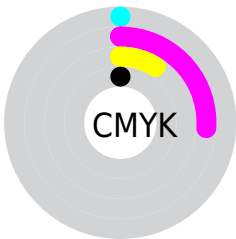
Distribution



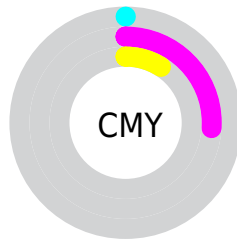
- Red (100%)
- Green (75%)
- Blue (91%)



- Red (100%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.572, 338.292 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 84, 32.572, 338.292 by changing the saturation by 10% instead.


 84, 32.572,
338.292

 84, 32.572,
338.292


 100, 32.572,
338.292


 74, 32.572,
338.292

 64, 32.572,
338.292

 54, 32.572,
338.292

 44, 32.572,
338.292

 34, 32.572,
338.292

 24, 32.572,
338.292

 14, 32.572,

338.292

■ 4, 32.572, 338.292

■ 0, 32.572, 338.292

■ 84, 32.572,
338.292

■ 84, 32.572,
338.292

■ 78, 44.912,
338.737

■ 90, 19.603,
337.053

■ 73, 56.934,
339.694

■ 96, 6.941, 336.268

■ 68, 67.905,
340.765

100, 0.012,
296.813

■ 64, 77.208,
341.992

■ 60, 84.209,

343.441

■ 58, 88.432,
345.198

■ 57, 89.792,
347.364

■ 56, 89.779,
348.447

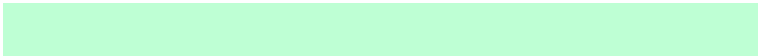
Harmonies

Complementary

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



84, 32.572, 338.292



95, 31.931, 153.853

Rectangle

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



84, 32.572, 338.292



84, 32.572, 28.292



84, 32.572, 158.292



84, 32.572, 208.292

Sweetspot

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



84, 32.344, 337.863



95, 10.028, 336.465



81, 35.578, 304.654



50, 7.135, 336.582



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 32.344, 337.863



81, 39.237, 338.330



83, 25.224, 8.536



50, 7.135, 336.582



42, 72.553, 347.977



11, 34.214, 344.851

Inverse Universe

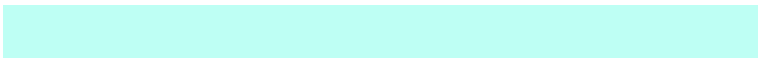
The Inverse Universe completely reimagines the original color for something new.



84, 32.344, 337.863



81, 39.237, 338.330



96, 22.434, 183.561



50, 7.135, 336.582



42, 72.553, 347.977



11, 34.214, 344.851

Previews

White Background



This preview shows how the CIELCh color 84, 32.572, 338.292 looks on a white background.

Color Contrast Check

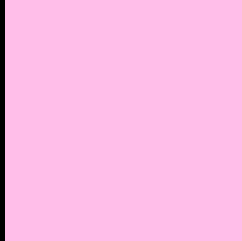
Large Text (above 18pt) WCAG AA × Fail

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 84, 32.572, 338.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

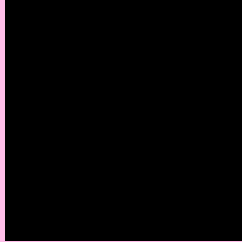
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 32.572, 338.292

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.572, 338.292.



This preview shows how white text looks on a background with the CIELCh color 84, 32.572, 338.292.

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
84, 32.296, 337.804

Protanopia
84, 19.554, 286.938

Deuteranopia
84, 14.907, 313.459

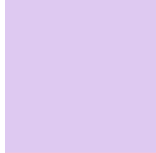


Tritanopia
84, 22.940, 1.332

Trichromacy



Original Color
84, 32.296, 337.804



Protanomaly
84, 22.445, 310.685



Deuteranomaly
84, 20.809, 326.872

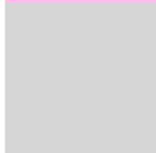


Tritanomaly
84, 26.116, 350.183

Monochromacy



Original Color
84, 32.296, 337.804



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 12.118, 336.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.572, 338.292 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, 190, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 233)  
}
```

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, 190, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.572, 338.292 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, 190, 233) }
```

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

```
.border{ border-color:rgb(255, 190, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.572, 338.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 233) }
```

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

```
.background{ background-color: rgb(255,  
190, 233) }
```

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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