

Converting Colors

CIELCh(84, 20.084, 337.608)

Have a look what the booklet for
CIELCh(84, 20.084, 337.608)
contains.

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Color

CIELCh(84, 19.907, 337.606)

Conversions

Conversions Part 1

Format	Color
Hex	EEC6E0
RGB	238, 198, 224
RGB Percent	93%, 78%, 88%
CMY	0.0660, 0.2228, 0.1209
CMYK	0.00, 0.17, 0.06, 0.07
HSL	321°, 54%, 86%
HSV	321°, 17%, 93%
XYZ	69.0310, 64.0658, 79.3728
YIQ	212.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

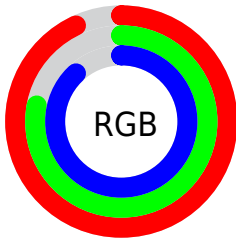
Format	Color
R_{YB}	238, 198, 224
Decimal	15648480
CIE _{Lab}	84.00, 18.41, -7.58
CIE _{LCh}	84, 19.907, 337.606
Yxy	64.0658, 0.3249, 0.3015
Android (android.graphics.Color)	4293838560 (0xFFEEC6E0)
YUV	212.9240, 5.4605, 21.9917
Hunter-Lab	80.0411, 13.8744, -2.7662

Details

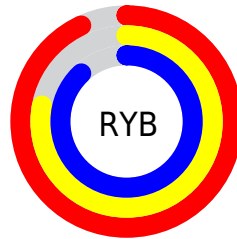
The CIELCh color $84, 19.907, 337.606$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91, 19.711, 155.101$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $64, 20.035, 337.552$ is the 20% darker color. If you saturate the color by 10%, you get $78, 31.874, 338.434$, and if you desaturate by 10%, it is $90, 7.990, 336.819$.

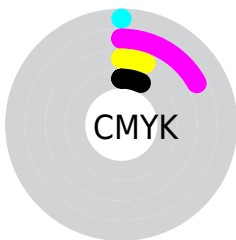
Distribution



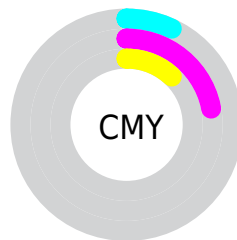
- Red (93%)
- Green (78%)
- Blue (88%)



- Red (93%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 19.907, 337.606 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, 19.907, 337.606 by changing the saturation by 10% instead.

 84, 19.907,
337.606

 84, 19.907,
337.606

 100, 19.907,
337.606

 74, 19.907,
337.606


 64, 19.907,
337.606

 54, 19.907,
337.606

 44, 19.907,
337.606

 34, 19.907,
337.606

 24, 19.907,
337.606

 14, 19.907,

337.606

■ 4, 19.907, 337.606

■ 0, 19.907, 337.606

■ 84, 19.907,
337.606

■ 84, 19.907,
337.606

■ 78, 31.874,
338.434

■ 90, 7.990, 336.819

■ 73, 43.653,
339.329

■ 96, 3.714, 156.273

■ 68, 54.880,
340.315

■ 99, 6.583, 172.367

■ 63, 65.069,
341.425

■ 99, 5.780, 199.154

■ 59, 73.635,

342.708

■ 56, 79.989,
344.232

■ 54, 83.710,
346.092

■ 53, 84.779,
348.389

■ 52, 84.826,
349.192

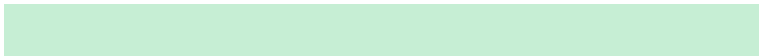
Harmonies

Complementary

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



84, 19.907, 337.606



91, 19.711, 155.101

Rectangle

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



84, 19.907, 337.606



84, 19.907, 27.606



84, 19.907, 157.606



84, 19.907, 207.606

Sweetspot

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



84, 19.904, 337.607



97, 6.205, 336.672



82, 21.848, 304.631



51, 4.236, 336.732



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, 19.904, 337.607



87, 25.096, 337.872



83, 15.265, 8.721



47, 6.732, 337.032



40, 70.012, 348.726



9, 31.459, 344.980

Inverse Universe

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



84, 19.904, 337.607



87, 25.096, 337.872



91, 14.120, 185.739



47, 6.732, 337.032



40, 70.012, 348.726



9, 31.459, 344.980

Previews

White Background



This preview shows how the CIELCh color 84, 19.907, 337.606 looks on a white background.

Color Contrast Check

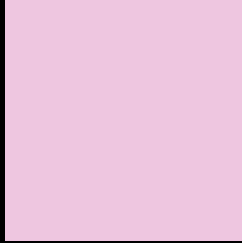
Large Text (above 18pt) WCAG AA × Fail

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, 19.907, 337.606 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, 19.907, 337.606

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.907, 337.606.



This preview shows how white text looks on a background with the CIELCh color 84, 19.907, 337.606.

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, 19.907, 337.606

Protanopia

84, 11.611, 289.466

Deuteranopia

84, 12.371, 326.286



Tritanopia
84, 15.687, 350.527

Trichromacy



Original Color
84, 19.907, 337.606

Protanomaly
84, 13.669, 312.361

Deuteranomaly
84, 14.769, 332.047

Tritanomaly
84, 17.087, 345.019

Monochromacy



Original Color
84, 19.907, 337.606

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.966, 337.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.907, 337.606 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(238, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 224)  
}
```

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(238, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.907, 337.606 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(238, 198, 224) }
```

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

```
.border{ border-color:rgb(238, 198, 224) }
```

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

Here you see how a box with a 4 pixel rgb(238, 198, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.907, 337.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 224) }
```

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

```
.background{ background-color: rgb(238,  
198, 224) }
```

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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