

Converting Colors

CIELCh(83, 20.123, 342.188)

Have a look what the booklet for
CIELCh(83, 20.123, 342.188)
contains.

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Color

CIECh(83, 20.112, 342.117)

Conversions

Conversions Part 1

Format	Color
Hex	EEC3DB
RGB	238, 195, 219
RGB Percent	93%, 76%, 86%
CMY	0.0676, 0.2362, 0.1421
CMYK	0.00, 0.18, 0.08, 0.07
HSL	327°, 55%, 85%
HSV	327°, 18%, 93%
XYZ	67.3964, 62.1629, 75.3008
YIQ	210.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

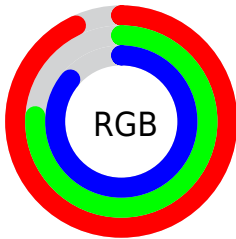
Format	Color
R _Y B	238, 195, 219
Decimal	15647707
CIE Lab	83.00, 19.14, -6.18
CIE LCh	83, 20.112, 342.117
Yxy	62.1629, 0.3290, 0.3034
Android (android.graphics.Color)	4293837787 (0xFFEEC3DB)
YUV	210.5930, 4.1447, 24.0359
Hunter-Lab	78.8435, 14.6080, -1.4355

Details

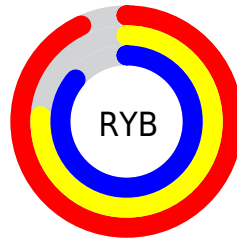
The CIELCh color **83, 20.112, 342.117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 19.767, 159.147**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **63, 20.258, 342.349** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.395, 343.073**, and if you desaturate by 10%, it is **89, 8.903, 341.236**.

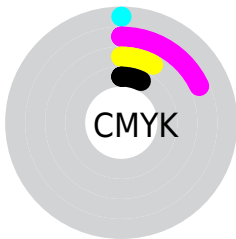
Distribution



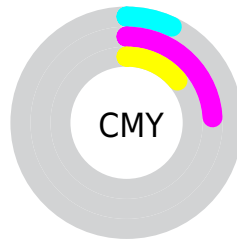
- Red (93%)
- Green (76%)
- Blue (86%)



- Red (93%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 20.112, 342.117 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 83, 20.112, 342.117 by changing the saturation by 10% instead.


 83, 20.112,
342.117


 83, 20.112,
342.117


 100, 20.112,
342.117


 73, 20.112,
342.117

 63, 20.112,
342.117

 53, 20.112,
342.117


 43, 20.112,
342.117


 33, 20.112,
342.117


 23, 20.112,
342.117


 13, 20.112,


342.117

 3, 20.112, 342.117


 0, 20.112, 342.117

 83, 20.112,
342.117


 83, 20.112,
342.117

 77, 31.395,
343.073

 89, 8.903, 341.236

 72, 42.522,
344.137

 95, 2.078, 160.715

 67, 53.134,
345.352

 99, 6.469, 177.278

 62, 62.753,
346.774

 99, 5.922, 199.142

 58, 70.806,

348.483

■ 55, 76.730,
350.594

■ 53, 80.164,
353.245

■ 52, 81.246,
356.559

■ 52, 81.356,
357.239

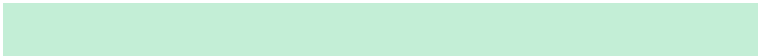
Harmonies

Complementary

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



83, 20.112, 342.117



91, 19.767, 159.147

Rectangle

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



83, 20.112, 342.117



83, 20.112, 32.117



83, 20.112, 162.117



83, 20.112, 212.117

Sweetspot

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



83, 20.109, 342.119



97, 5.812, 340.959



81, 23.835, 307.623



51, 3.968, 341.025



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 20.109, 342.119



86, 25.969, 342.490



82, 16.302, 15.399



47, 6.311, 341.358



40, 67.183, 356.579



9, 30.082, 351.224

Inverse Universe

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



83, 20.109, 342.119



86, 25.969, 342.490



91, 14.697, 192.637



47, 6.311, 341.358



40, 67.183, 356.579



9, 30.082, 351.224

Previews

White Background



This preview shows how the CIELCh color 83, 20.112, 342.117 looks on a white background.

Color Contrast Check

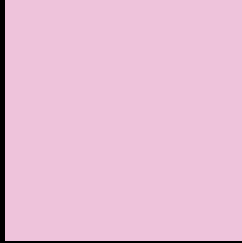
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 20.112, 342.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

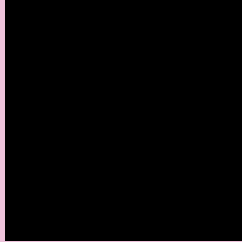
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 20.112, 342.117

Background



This preview shows how black text looks on a background with the CIELCh color 83, 20.112, 342.117.

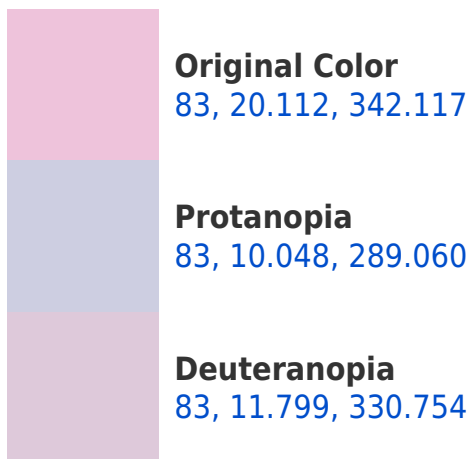


This preview shows how white text looks on a background with the CIELCh color 83, 20.112, 342.117.

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





Tritanopia
83, 17.046, 353.231

Trichromacy



Original Color
83, 20.112, 342.117

Protanomaly
83, 12.385, 316.564

Deuteranomaly
83, 14.562, 337.052

Tritanomaly
83, 17.771, 348.653

Monochromacy



Original Color
83, 20.112, 342.117

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.540, 340.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 20.112, 342.117 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, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 195, 219)  
}
```

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, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 195, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 20.112, 342.117 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, 195, 219) }
```

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

```
.border{ border-color:rgb(238, 195, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 195, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 195, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 195,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 20.112, 342.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 195, 219) }
```

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

```
.background{ background-color: rgb(238,  
195, 219) }
```

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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