

Converting Colors

CIELCh(81, 21.052, 349.314)

Have a look what the booklet for
CIELCh(81, 21.052, 349.314)
contains.

CIELCh(81, 20.875, 349.066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 20.875, 349.066)

Conversions

Conversions Part 1

Format	Color
Hex	ECBCD1
RGB	236, 188, 209
RGB Percent	93%, 74%, 82%
CMY	0.0741, 0.2623, 0.1800
CMYK	0.00, 0.20, 0.11, 0.07
HSL	334°, 56%, 83%
HSV	334°, 20%, 93%
XYZ	64.1553, 58.4711, 68.2949
YIQ	204.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

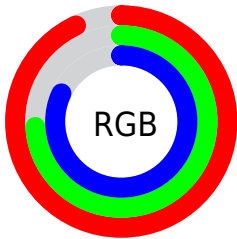
Format	Color
R _Y B	236, 188, 209
Decimal	15514833
CIE Lab	81.00, 20.50, -3.96
CIE LCh	81, 20.875, 349.066
Yxy	58.4711, 0.3360, 0.3063
Android (android.graphics.Color)	4293704913 (0xFFECBCD1)
YUV	204.7460, 2.0972, 27.4098
Hunter-Lab	76.4664, 15.9454, 0.5724

Details

The CIELCh color `81, 20.875, 349.066` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `90, 20.172, 165.307`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.851, 324.635`, and `61, 21.377, 348.451` is the 20% darker color. If you saturate the color by 10%, you get `75, 31.401, 350.220`, and if you desaturate by 10%, it is `87, 10.472, 348.042`.

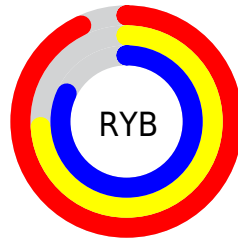
Distribution



Red (93%)

Green (74%)

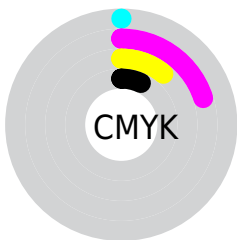
Blue (82%)



Red (93%)

Yellow (74%)

Blue (82%)

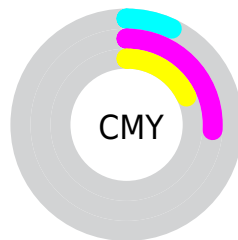


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (26%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 20.875, 349.066 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 81, 20.875, 349.066 by changing the saturation by 10% instead.


 81, 20.875,
349.066


 81, 20.875,
349.066


 100, 20.875,
349.066


 71, 20.875,
349.066


 61, 20.875,
349.066

 51, 20.875,
349.066

 41, 20.875,
349.066

 31, 20.875,
349.066

 21, 20.875,
349.066

 11, 20.875,

349.066

■ 1, 20.875, 349.066

■ 0, 20.875, 349.066

■ 81, 20.875,
349.066

■ 81, 20.875,
349.066

■ 75, 31.401,
350.220

■ 87, 10.472,
348.042

■ 70, 41.830,
351.553

■ 93, 0.336, 345.749

■ 65, 51.815,
353.135

■ 99, 7.276, 173.980

■ 99, 6.478, 199.097

■ 60, 60.894,
355.060

■ 56, 68.530,

357.460

■ 53, 74.243, 0.502

■ 52, 77.824, 4.363

■ 50, 79.719, 8.882

Harmonies

Complementary

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



81, 20.875, 349.066



90, 20.172, 165.307

Rectangle

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



81, 20.875, 349.066



81, 20.875, 39.066



81, 20.875, 169.066



81, 20.875, 219.066

Sweetspot

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



81, 20.872, 349.069



96, 6.435, 347.612



80, 27.301, 311.707



51, 4.272, 347.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 20.872, 349.069



84, 26.327, 349.485



81, 17.567, 24.876



46, 5.722, 347.957



39, 65.302, 7.950



8, 28.134, 0.075

Inverse Universe

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



81, 20.872, 349.069



84, 26.327, 349.485



90, 15.306, 203.139



46, 5.722, 347.957



39, 65.302, 7.950



8, 28.134, 0.075

Previews

White Background



This preview shows how the CIELCh color 81, 20.875, 349.066 looks on a white background.

Color Contrast Check

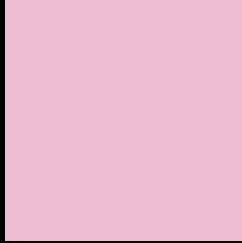
Large Text (above 18pt) WCAG AA × Fail

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 81, 20.875, 349.066 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 81, 20.875, 349.066

Background



This preview shows how black text looks on a background with the CIELCh color 81, 20.875, 349.066.



This preview shows how white text looks on a background with the CIELCh color 81, 20.875, 349.066.

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
81, 18.842, 356.145

Trichromacy



Original Color
81, 20.875, 349.066

Protanomaly
81, 11.184, 326.413

Deuteranomaly
81, 14.817, 345.726

Tritanomaly
81, 19.257, 353.245

Monochromacy



Original Color
81, 20.875, 349.066

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.278, 349.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 20.875, 349.066 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(236, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(236, 188, 209)  
}
```

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(236, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 188, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 20.875, 349.066 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(236, 188, 209) }
```

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

```
.border{ border-color:rgb(236, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(236, 188,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 20.875, 349.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 188, 209) }
```

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

```
.background{ background-color: rgb(236,  
188, 209) }
```

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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