

Converting Colors

CIELCh(81, 23.676, 333.591)

Have a look what the booklet for
CIELCh(81, 23.676, 333.591)
contains.

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Color

CIELCh(81, 23.627, 333.591)

Conversions

Conversions Part 1

Format	Color
Hex	E8BCDD
RGB	232, 188, 221
RGB Percent	91%, 74%, 87%
CMY	0.0894, 0.2620, 0.1325
CMYK	0.00, 0.19, 0.05, 0.09
HSL	315°, 49%, 82%
HSV	315°, 19%, 91%
XYZ	64.4477, 58.4711, 76.4363
YIQ	204.9180, 15.6310, 19.5910

Conversions

Conversions Part 2

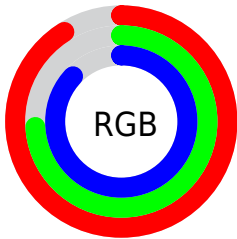
Format	Color
R_{YB}	232, 188, 221
Decimal	15252701
CIE _{Lab}	81.00, 21.16, -10.51
CIE _{LCh}	81, 23.627, 333.591
Yxy	58.4711, 0.3233, 0.2933
Android (android.graphics.Color)	4293442781 (0xFFE8BCDD)
YUV	204.9180, 7.9284, 23.7509
Hunter-Lab	76.4664, 16.6279, -5.7402

Details

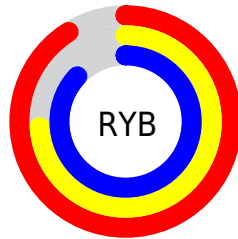
The CIELCh color $81, 23.627, 333.591$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88, 23.491, 150.977$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 6.851, 324.635$, and $61, 23.974, 333.447$ is the 20% darker color. If you saturate the color by 10%, you get $75, 36.124, 334.315$, and if you desaturate by 10%, it is $87, 11.095, 332.892$.

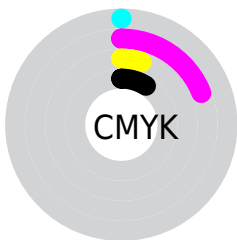
Distribution



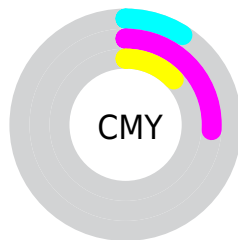
- Red (91%)
- Green (74%)
- Blue (87%)



- Red (91%)
- Yellow (74%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.627, 333.591 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, 23.627, 333.591 by changing the saturation by 10% instead.


 81, 23.627,
333.591


 81, 23.627,
333.591


 100, 23.627,
333.591


 71, 23.627,
333.591


 61, 23.627,
333.591

 51, 23.627,
333.591

 41, 23.627,
333.591

 31, 23.627,
333.591

 21, 23.627,
333.591

 11, 23.627,

333.591

■ 1, 23.627, 333.591

■ 0, 23.627, 333.591

■ 81, 23.627,
333.591

■ 81, 23.627,
333.591

■ 75, 36.124,
334.315

■ 87, 11.095,
332.892

■ 70, 48.312,
335.074

■ 93, 1.279, 152.559

■ 65, 59.787,
335.877

■ 98, 11.637,
152.957

■ 61, 70.035,
336.740

■ 98, 9.654, 164.922

■ 58, 78.466,

■ 98, 8.260, 181.819

337.686

98, 7.787, 198.998

55, 84.525,
338.753

53, 87.862,
339.992

52, 88.666,
341.449

52, 88.696,
341.608

Harmonies

Complementary

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



81, 23.627, 333.591



88, 23.491, 150.977

Rectangle

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



81, 23.627, 333.591



81, 23.627, 23.591



81, 23.627, 153.591



81, 23.627, 203.591

Sweetspot

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



81, 23.624, 333.592



96, 8.007, 332.683



78, 23.953, 301.234



51, 5.314, 332.731



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, 23.624, 333.592



86, 30.969, 333.889



80, 17.470, 1.440



46, 7.103, 332.929



41, 73.826, 341.337



8, 32.452, 338.970

Inverse Universe

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



81, 23.624, 333.592



86, 30.969, 333.889



89, 16.364, 177.760



46, 7.103, 332.929



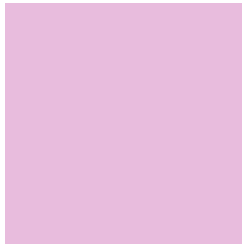
41, 73.826, 341.337



8, 32.452, 338.970

Previews

White Background



This preview shows how the CIELCh color 81, 23.627, 333.591 looks on a white background.

Color Contrast Check

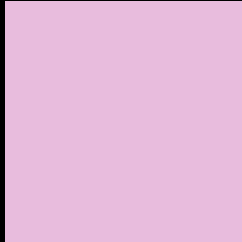
Large Text (above 18pt) WCAG AA × Fail

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, 23.627, 333.591 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, 23.627, 333.591

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.627, 333.591.



This preview shows how white text looks on a background with the CIELCh color 81, 23.627, 333.591.

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
81, 23.627, 333.591

Protanopia
81, 15.429, 287.717

Deuteranopia
81, 14.041, 315.111



Tritanopia
81, 16.464, 351.979

Trichromacy



Original Color
81, 23.627, 333.591

Protanomaly
81, 16.771, 308.518

Deuteranomaly
81, 17.172, 324.079

Tritanomaly
81, 19.005, 343.205

Monochromacy



Original Color
81, 23.627, 333.591

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.656, 332.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.627, 333.591 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(232, 188, 221)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 221)  
}
```

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(232, 188, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.627, 333.591 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(232, 188, 221) }
```

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

```
.border{ border-color:rgb(232, 188, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 221);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.627, 333.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 221) }
```

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

```
.background{ background-color: rgb(232,  
188, 221) }
```

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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