

Converting Colors

CIELCh(81, 23.693, 327.552)

Have a look what the booklet for
CIELCh(81, 23.693, 327.552)
contains.

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Color

CIELCh(81, 23.693, 327.552)

Conversions

Conversions Part 1

Format	Color
Hex	E4BDE1
RGB	228, 189, 225
RGB Percent	89%, 74%, 88%
CMY	0.1050, 0.2579, 0.1167
CMYK	0.00, 0.17, 0.01, 0.10
HSL	305°, 42%, 82%
HSV	305°, 17%, 90%
XYZ	63.9353, 58.4711, 79.3142
YIQ	204.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

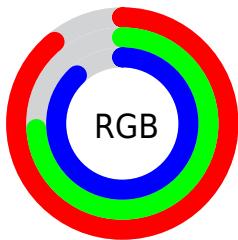
Format	Color
R _Y B	228, 189, 225
Decimal	14990817
CIE Lab	81.00, 19.99, -12.71
CIE LCh	81, 23.693, 327.552
Yxy	58.4711, 0.3169, 0.2899
Android (android.graphics.Color)	4293180897 (0xFFE4BDE1)
YUV	204.7650, 9.9759, 20.3771
Hunter-Lab	76.4664, 15.4317, -7.9716

Details

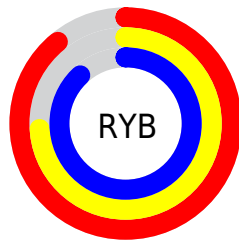
The CIELCh color $81, 23.693, 327.552$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87, 23.656, 145.491$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $61, 24.086, 327.108$ is the 20% darker color. If you saturate the color by 10%, you get $76, 37.570, 328.135$, and if you desaturate by 10%, it is $87, 9.780, 326.958$.

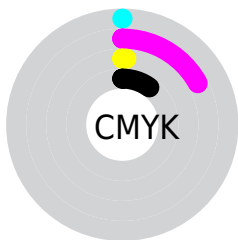
Distribution



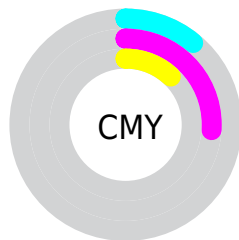
- Red (89%)
- Green (74%)
- Blue (88%)



- Red (89%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (10%)





- Cyan (11%)
- Magenta (26%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.693, 327.552 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, 23.693, 327.552 by changing the saturation by 10% instead.


 81, 23.693,
327.552


 81, 23.693,
327.552


 100, 23.693,
327.552


 71, 23.693,
327.552

 61, 23.693,
327.552

 51, 23.693,
327.552

 41, 23.693,
327.552

 31, 23.693,
327.552

 21, 23.693,
327.552

 11, 23.693,

327.552

■ 1, 23.693, 327.552

■ 0, 23.693, 327.552

■ 81, 23.693,
327.552

■ 81, 23.693,
327.552

■ 76, 37.570,
328.135

■ 87, 9.780, 326.958

■ 71, 51.128,
328.708

■ 92, 3.964, 146.501

■ 66, 63.960,
329.262

■ 98, 15.761,
146.185

■ 62, 75.557,
329.785

■ 98, 15.046,
148.204

■ 59, 85.346,

■ 98, 14.350,
150.415

330.271

98, 13.675,
152.842

56, 92.788,
330.713

98, 13.025,
155.510

54, 97.534,
331.118

98, 12.405,
158.445

53, 99.617,
331.495

98, 11.819,
161.674

53, 99.963,
331.603

Harmonies

Complementary

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



81, 23.693, 327.552



87, 23.656, 145.491

Rectangle

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



81, 23.693, 327.552



81, 23.693, 17.552



81, 23.693, 147.552



81, 23.693, 197.552

Sweetspot

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



81, 23.690, 327.552



97, 7.537, 326.828



78, 20.960, 294.473



51, 5.144, 326.873



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, 23.690, 327.552



87, 31.877, 327.789



80, 16.964, 348.969



45, 7.881, 327.102



42, 83.259, 331.545



8, 35.265, 330.997

Inverse Universe

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



81, 23.690, 327.552



87, 31.877, 327.789



88, 16.476, 165.878



45, 7.881, 327.102



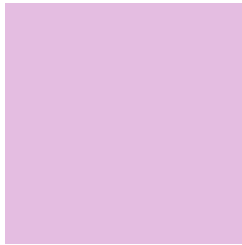
42, 83.259, 331.545



8, 35.265, 330.997

Previews

White Background



This preview shows how the CIELCh color 81, 23.693, 327.552 looks on a white background.

Color Contrast Check

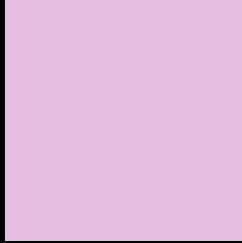
Large Text (above 18pt) WCAG AA × Fail

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, 23.693, 327.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

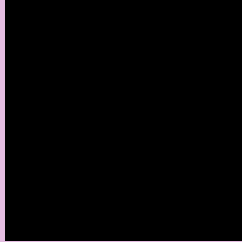
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 23.693, 327.552

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.693, 327.552.



This preview shows how white text looks on a background with the CIELCh color 81, 23.693, 327.552.

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, 14.847, 348.288

Trichromacy



Original Color
81, 23.693, 327.552

Protanomaly
81, 18.637, 304.607

Deuteranomaly
81, 17.992, 318.374

Tritanomaly
81, 17.926, 338.028

Monochromacy



Original Color
81, 23.693, 327.552

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.602, 326.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.693, 327.552 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(228, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 189, 225)  
}
```

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(228, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 189, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.693, 327.552 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(228, 189, 225) }
```

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

```
.border{ border-color:rgb(228, 189, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 189, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 189, 225);  
box-shadow:4px 4px 4px 4px rgb(228, 189,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.693, 327.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 189, 225) }
```

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

```
.background{ background-color: rgb(228,  
189, 225) }
```

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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