

Converting Colors

CIELCh(80, 23.465, 323.023)

Have a look what the booklet for
CIELCh(80, 23.465, 323.023)
contains.

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Color

CIELCh(80, 23.824, 323.135)

Conversions

Conversions Part 1

Format	Color
Hex	DEBBE1
RGB	222, 187, 225
RGB Percent	87%, 73%, 88%
CMY	0.1283, 0.2656, 0.1165
CMYK	0.01, 0.17, 0.00, 0.12
HSL	295°, 39%, 81%
HSV	295°, 17%, 88%
XYZ	61.6668, 56.6813, 79.1246
YIQ	201.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

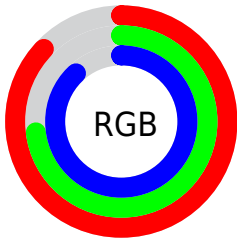
Format	Color
R _Y B	222, 187, 225
Decimal	14597089
CIE Lab	80.00, 19.06, -14.29
CIE LCh	80, 23.824, 323.135
Yxy	56.6813, 0.3123, 0.2870
Android (android.graphics.Color)	4292787169 (0xFFDEBBE1)
YUV	201.7970, 11.4391, 17.7180
Hunter-Lab	75.2870, 14.4553, -9.6113

Details

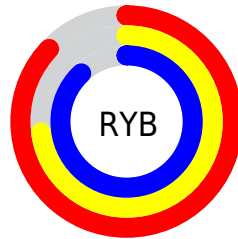
The CIELCh color $80, 23.824, 323.135$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86, 23.740, 141.362$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 7.476, 324.660$, and $60, 23.787, 323.204$ is the 20% darker color. If you saturate the color by 10%, you get $75, 38.026, 323.633$, and if you desaturate by 10%, it is $86, 9.642, 322.618$.

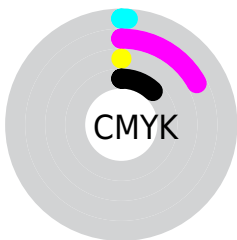
Distribution



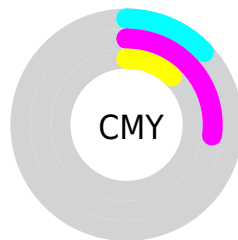
- Red (87%)
- Green (73%)
- Blue (88%)



- Red (87%)
- Yellow (73%)
- Blue (88%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)





- Cyan (13%)
- Magenta (27%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 23.824, 323.135 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 80, 23.824, 323.135 by changing the saturation by 10% instead.


 80, 23.824,
323.135


 80, 23.824,
323.135


 100, 23.824,
323.135


 70, 23.824,
323.135

 60, 23.824,
323.135

 50, 23.824,
323.135

 40, 23.824,
323.135

 30, 23.824,
323.135

 20, 23.824,
323.135

 10, 23.824,

323.135

0, 23.824, 323.135

80, 23.824,
323.135

80, 23.824,
323.135

75, 38.026,
323.633

86, 9.642, 322.618

69, 51.992,
324.106

91, 4.337, 142.212

65, 65.346,
324.536

97, 18.009,
141.686

60, 77.599,
324.897

98, 17.753,
140.045

57, 88.178,
325.164

98, 17.426,
138.326

98, 17.114,
136.535

■ 54, 96.511,
325.311

■ 98, 16.820,
134.671

■ 52, 102.178,
325.317

■ 98, 16.544,
132.734

■ 51, 105.128,
325.178

■ 98, 16.287,
130.726

■ 50, 105.752,
325.119

Harmonies

Complementary

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



80, 23.824, 323.135



86, 23.740, 141.362

Rectangle

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



80, 23.824, 323.135



80, 23.824, 13.135



80, 23.824, 143.135



80, 23.824, 193.135

Sweetspot

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



80, 23.822, 323.135



97, 7.750, 322.517



78, 18.688, 288.571



51, 5.290, 322.557



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 23.822, 323.135



87, 31.267, 323.300



80, 18.251, 340.740



44, 7.959, 322.754



39, 87.910, 325.168



7, 35.838, 325.575

Inverse Universe

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



79, 14.508, 14.297



87, 19.228, 14.651



86, 17.996, 158.065



44, 4.745, 13.557



36, 75.853, 36.710



6, 25.377, 17.616

Previews

White Background



This preview shows how the CIELCh color 80, 23.824, 323.135 looks on a white background.

Color Contrast Check

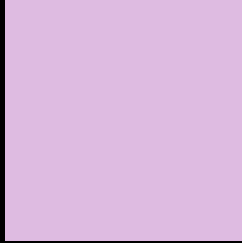
Large Text (above 18pt) WCAG AA × Fail

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 80, 23.824, 323.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

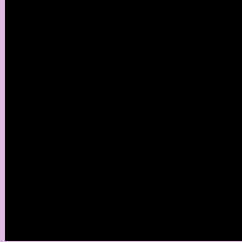
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 23.824, 323.135

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.824, 323.135.



This preview shows how white text looks on a background with the CIELCh color 80, 23.824, 323.135.

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
80, 13.041, 342.794

Trichromacy



Original Color
80, 23.824, 323.135

Protanomaly
80, 20.114, 301.739

Deuteranomaly
80, 19.183, 314.299

Tritanomaly
80, 16.422, 332.582

Monochromacy



Original Color
80, 23.824, 323.135

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.208, 322.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.824, 323.135 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(222, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 187, 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(222, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 187, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.824, 323.135 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(222, 187, 225) }
```

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

```
.border{ border-color:rgb(222, 187, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 187,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.824, 323.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 187, 225) }
```

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

```
.background{ background-color: rgb(222,  
187, 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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