

Converting Colors

CIELCh(80, 23.211, 325.534)

Have a look what the booklet for
CIELCh(80, 23.211, 325.534)
contains.

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Color

CIELCh(80, 23.134, 325.316)

Conversions

Conversions Part 1

Format	Color
Hex	DFBBD F
RGB	223, 187, 223
RGB Percent	87%, 73%, 87%
CMY	0.1247, 0.2659, 0.1247
CMYK	0.00, 0.16, 0.00, 0.12
HSL	300°, 36%, 80%
HSV	300°, 16%, 88%
XYZ	61.6509, 56.6813, 77.6444
YIQ	201.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

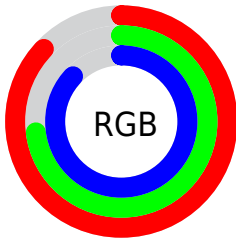
Format	Color
R _Y B	223, 187, 223
Decimal	14662623
CIE Lab	80.00, 19.02, -13.16
CIE LCh	80, 23.134, 325.316
Yxy	56.6813, 0.3146, 0.2892
Android (android.graphics.Color)	4292852703 (0xFFDFBBDf)
YUV	201.8680, 10.4181, 18.5328
Hunter-Lab	75.2870, 14.4175, -8.4456

Details

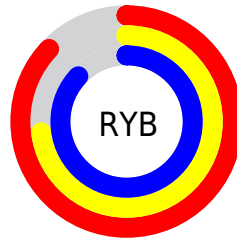
The CIELCh color $80, 23.134, 325.316$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86, 23.110, 143.446$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 7.476, 324.660$, and $60, 23.054, 325.521$ is the 20% darker color. If you saturate the color by 10%, you get $75, 37.497, 325.863$, and if you desaturate by 10%, it is $85, 8.747, 324.747$.

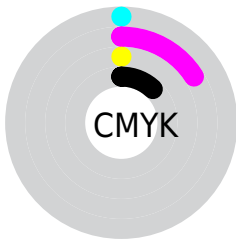
Distribution



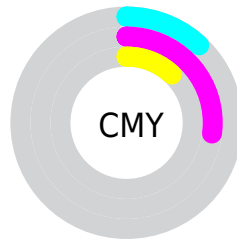
- Red (87%)
- Green (73%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 23.134, 325.316 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, 23.134, 325.316 by changing the saturation by 10% instead.


 80, 23.134,
325.316


 80, 23.134,
325.316


 100, 23.134,
325.316


 70, 23.134,
325.316

 60, 23.134,
325.316

 50, 23.134,
325.316

 40, 23.134,
325.316

 30, 23.134,
325.316

 20, 23.134,
325.316

 10, 23.134,

325.316

0, 23.134, 325.316

80, 23.134,
325.316

80, 23.134,
325.316

75, 37.497,
325.863

85, 8.747, 324.747

70, 51.552,
326.387

91, 5.457, 144.285

65, 64.900,
326.873

97, 19.355,
143.716

61, 77.040,
327.303

97, 19.871,
143.697

58, 87.418,
327.662

97, 19.871,
143.697

97, 19.871,
143.698

■ 56, 95.511,
327.936

■ 97, 19.870,
143.698

■ 54, 100.977,
328.118

■ 97, 19.870,
143.699

■ 53, 103.815,
328.211

■ 97, 19.870,
143.699

■ 53, 104.501,
328.234

Harmonies

Complementary

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



80, 23.134, 325.316



86, 23.110, 143.446

Rectangle

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



80, 23.134, 325.316



80, 23.134, 15.316



80, 23.134, 145.316



80, 23.134, 195.316

Sweetspot

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



80, 23.132, 325.316



97, 7.944, 324.680



77, 19.360, 291.945



51, 5.422, 324.723



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, 23.132, 325.316



88, 30.379, 325.483



79, 16.374, 345.023



44, 8.154, 324.940



42, 87.488, 328.234



8, 35.925, 328.230

Inverse Universe

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



80, 23.132, 325.316



88, 30.379, 325.483



86, 16.043, 162.279



44, 8.154, 324.940



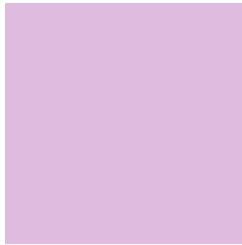
42, 87.488, 328.234



8, 35.925, 328.230

Previews

White Background



This preview shows how the CIELCh color 80, 23.134, 325.316 looks on a white background.

Color Contrast Check

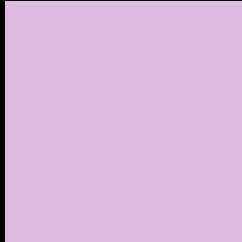
Large Text (above 18pt) WCAG AA × Fail

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 80, 23.134, 325.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

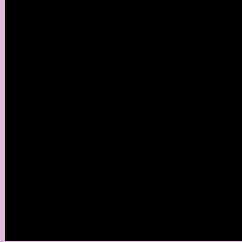
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 23.134, 325.316

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.134, 325.316.



This preview shows how white text looks on a background with the CIELCh color 80, 23.134, 325.316.

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

80, 23.134, 325.316

Protanopia

80, 17.611, 287.316

Deuteranopia

80, 16.310, 309.063



Tritanopia
80, 13.947, 345.718

Trichromacy



Original Color
80, 23.134, 325.316

Protanomaly
80, 19.134, 303.264

Deuteranomaly
80, 18.360, 316.620

Tritanomaly
80, 17.177, 335.424

Monochromacy



Original Color
80, 23.134, 325.316

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.407, 324.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.134, 325.316 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(223, 187, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 223)  
}
```

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(223, 187, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.134, 325.316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

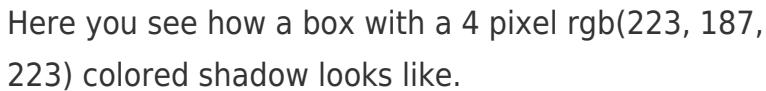
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 187, 223) }
```

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

```
.border{ border-color:rgb(223, 187, 223) }
```

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



Here you see how a box with a 4 pixel rgb(223, 187, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.134, 325.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 223) }
```

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

```
.background{ background-color: rgb(223,  
187, 223) }
```

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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