

Converting Colors

CIELCh(81, 41.572, 332.262)

Have a look what the booklet for
CIELCh(81, 41.572, 332.262)
contains.

CIELCh(81, 41.655, 332.380)	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, 41.655, 332.380)

Conversions

Conversions Part 1

Format	Color
Hex	FDB1EE
RGB	253, 177, 238
RGB Percent	99%, 69%, 93%
CMY	0.0080, 0.3060, 0.0668
CMYK	0.00, 0.30, 0.06, 0.01
HSL	312°, 95%, 84%
HSV	312°, 30%, 99%
XYZ	71.6301, 58.4711, 88.3641
YIQ	206.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

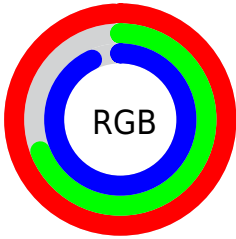
Format	Color
R_{YB}	253, 177, 238
Decimal	16626158
CIE _{Lab}	81.00, 36.91, -19.31
CIE _{LCh}	81, 41.655, 332.380
Yxy	58.4711, 0.3279, 0.2676
Android (android.graphics.Color)	4294816238 (0xFFFD _{B1EE})
YUV	206.6780, 15.4417, 40.6244
Hunter-Lab	76.4664, 33.3942, -14.9887

Details

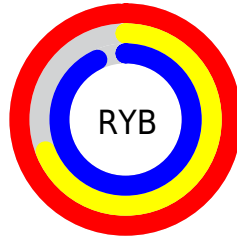
The CIELCh color $81, 41.655, 332.380$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 41.479, 148.127$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $61, 41.761, 332.192$ is the 20% darker color. If you saturate the color by 10%, you get $76, 55.092, 333.078$, and if you desaturate by 10%, it is $87, 27.799, 331.703$.

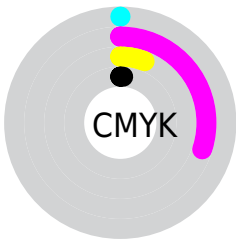
Distribution



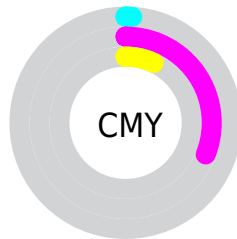
- Red (99%)
- Green (69%)
- Blue (93%)



- Red (99%)
- Yellow (69%)
- Blue (93%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (31%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 41.655, 332.380 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, 41.655, 332.380 by changing the saturation by 10% instead.


 81, 41.655,
332.380


 81, 41.655,
332.380


 100, 41.655,
332.380


 71, 41.655,
332.380

 61, 41.655,
332.380

 51, 41.655,
332.380

 41, 41.655,
332.380

 31, 41.655,
332.380

 21, 41.655,
332.380

 11, 41.655,

332.380

■ 1, 41.655, 332.380

■ 0, 41.655, 332.380

■ 81, 41.655,
332.380

■ 81, 41.655,
332.380

■ 76, 55.092,
333.078

■ 87, 27.799,
331.703

■ 71, 67.659,
333.798

■ 93, 13.863,
331.040

■ 66, 78.774,
334.546

■ 99, 0.067, 324.950

■ 63, 87.797,
335.336

100, 0.711,
200.292

■ 60, 94.153,

336.192

■ 58, 97.528,
337.149

■ 57, 98.271,
338.230

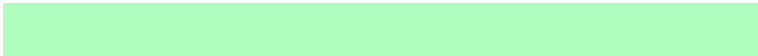
Harmonies

Complementary

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



81, 41.655, 332.380



93, 41.479, 148.127

Rectangle

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



81, 41.655, 332.380



81, 41.655, 22.380



81, 41.655, 152.380



81, 41.655, 202.380

Sweetspot

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



81, 41.652, 332.380



94, 12.497, 330.970



76, 41.357, 299.963



49, 8.692, 331.067



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, 41.652, 332.380



78, 50.061, 332.795



80, 31.050, 358.154



50, 7.897, 331.004



43, 79.835, 338.026



11, 37.390, 336.618

Inverse Universe

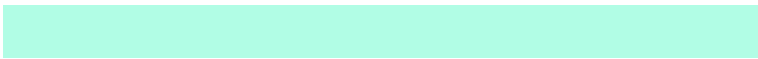
The Inverse Universe completely reimagines the original color for something new.



81, 41.652, 332.380



78, 50.061, 332.795



94, 28.538, 171.813



50, 7.897, 331.004



43, 79.835, 338.026



11, 37.390, 336.618

Previews

White Background



This preview shows how the CIELCh color 81, 41.655, 332.380 looks on a white background.

Color Contrast Check

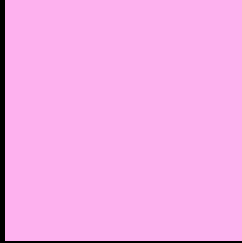
Large Text (above 18pt) WCAG AA × Fail

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, 41.655, 332.380 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, 41.655, 332.380

Background



This preview shows how black text looks on a background with the CIELCh color 81, 41.655, 332.380.



This preview shows how white text looks on a background with the CIELCh color 81, 41.655, 332.380.

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, 25.216, 4.633

Trichromacy



Original Color
81, 41.655, 332.380



Protanomaly
81, 31.295, 305.680



Deuteranomaly
81, 26.504, 316.897

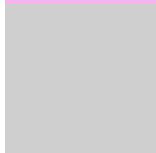


Tritanomaly
81, 30.331, 348.311

Monochromacy



Original Color
81, 41.655, 332.380



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 15.473, 331.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 41.655, 332.380 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(253, 177, 238)` looks like.

```
.text, #text, p{  
    color:rgb(253, 177, 238)  
}
```

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(253, 177, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 177, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 41.655, 332.380 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(253, 177, 238) }
```

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

```
.border{ border-color:rgb(253, 177, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 177, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 177, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 177, 238);  
box-shadow:4px 4px 4px 4px rgb(253, 177,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 41.655, 332.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 177, 238) }
```

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

```
.background{ background-color: rgb(253,  
177, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor