

Converting Colors

CIELCh(81, 37.728, 338.730)

Have a look what the booklet for
CIELCh(81, 37.728, 338.730)
contains.

CIELCh(81, 37.697, 338.347)	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, 37.697, 338.347)

Conversions

Conversions Part 1

Format	Color
Hex	FEB2E4
RGB	254, 178, 228
RGB Percent	100%, 70%, 89%
CMY	0.0042, 0.3022, 0.1061
CMYK	0.00, 0.30, 0.10, 0.00
HSL	321°, 97%, 85%
HSV	321°, 30%, 100%
XYZ	70.7500, 58.4711, 80.9081
YIQ	206.4240, 29.2460, 31.6620

Conversions

Conversions Part 2

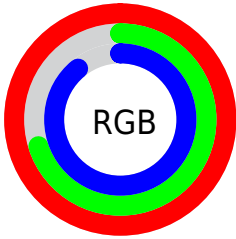
Format	Color
RYB	254, 178, 228
Decimal	16691940
CIELab	81.00, 35.04, -13.91
CIELCh	81, 37.697, 338.347
Yxy	58.4711, 0.3367, 0.2783
Android (android.graphics.Color)	4294882020 (0xFFFE2E4)
YUV	206.4240, 10.6370, 41.7242
Hunter-Lab	76.4664, 31.3398, -9.2075

Details

The CIELCh color $81, 37.697, 338.347$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 37.148, 153.515$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $61, 37.976, 337.862$ is the 20% darker color. If you saturate the color by 10%, you get $75, 50.017, 339.259$, and if you desaturate by 10%, it is $87, 25.054, 337.509$.

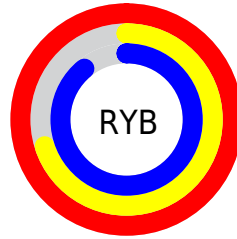
Distribution



Red (100%)

Green (70%)

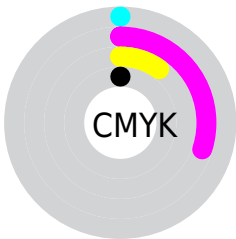
Blue (89%)



Red (100%)

Yellow (70%)

Blue (89%)

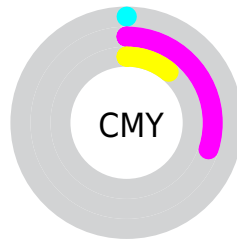


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 37.697, 338.347 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, 37.697, 338.347 by changing the saturation by 10% instead.


 81, 37.697,
338.347


 81, 37.697,
338.347


 100, 37.697,
338.347


 71, 37.697,
338.347


 61, 37.697,
338.347

 51, 37.697,
338.347

 41, 37.697,
338.347

 31, 37.697,
338.347

 21, 37.697,
338.347

 11, 37.697,

338.347

■ 1, 37.697, 338.347

■ 0, 37.697, 338.347

■ 81, 37.697,
338.347

■ 81, 37.697,
338.347

■ 75, 50.017,
339.259

■ 87, 25.054,
337.509

■ 70, 61.596,
340.267

■ 93, 12.397,
336.721

■ 66, 71.871,
341.407

100, 0.084,
161.079


■ 62, 80.206,
342.732


100, 0.371,
201.169

■ 59, 86.011,

344.317

 57, 88.952,
346.259

 56, 89.373,
348.621

 56, 89.374,
348.639

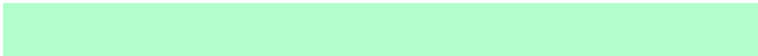
Harmonies

Complementary

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



81, 37.697, 338.347



94, 37.148, 153.515

Rectangle

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



81, 37.697, 338.347



81, 37.697, 28.347



81, 37.697, 158.347



81, 37.697, 208.347

Sweetspot

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



81, 37.694, 338.348



94, 11.271, 336.649



77, 41.832, 304.980



49, 7.842, 336.762



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, 37.694, 338.348



78, 45.396, 338.892



80, 29.762, 9.153



50, 7.123, 336.688



42, 72.453, 348.171



11, 34.168, 345.010

Inverse Universe

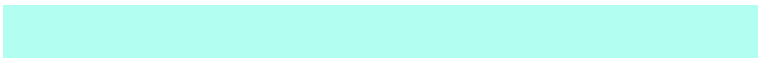
The Inverse Universe completely reimagines the original color for something new.



81, 37.694, 338.348



78, 45.396, 338.892



95, 25.893, 183.138



50, 7.123, 336.688



42, 72.453, 348.171



11, 34.168, 345.010

Previews

White Background



This preview shows how the CIELCh color 81, 37.697, 338.347 looks on a white background.

Color Contrast Check

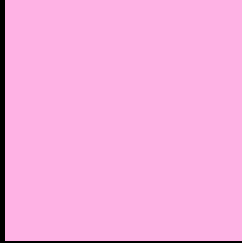
Large Text (above 18pt) WCAG AA × Fail

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, 37.697, 338.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

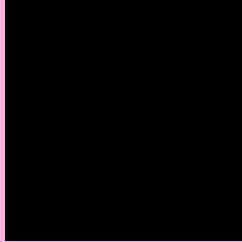
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 37.697, 338.347

Background



This preview shows how black text looks on a background with the CIELCh color 81, 37.697, 338.347.



This preview shows how white text looks on a background with the CIELCh color 81, 37.697, 338.347.

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, 37.697, 338.347

Protanopia
81, 22.408, 285.356

Deuteranopia
81, 16.265, 309.055



Tritanopia
81, 26.450, 4.390

Trichromacy



Original Color
81, 37.697, 338.347



Protanomaly
81, 25.343, 310.333



Deuteranomaly
81, 23.719, 325.329

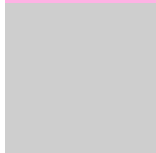


Tritanomaly
81, 29.695, 352.284

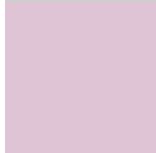
Monochromacy



Original Color
81, 37.697, 338.347



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 13.719, 336.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 37.697, 338.347 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(254, 178, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 228)  
}
```

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(254, 178, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 37.697, 338.347 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(254, 178, 228) }
```

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

```
.border{ border-color:rgb(254, 178, 228) }
```

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

Here you see how a box with a 4 pixel rgb(254, 178, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 37.697, 338.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 178, 228) }
```

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

```
.background{ background-color: rgb(254,  
178, 228) }
```

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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