

Converting Colors

CIELCh(81, 36.414, 340.275)

Have a look what the booklet for
CIELCh(81, 36.414, 340.275)
contains.

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Color

CIELCh(81, 36.716, 340.212)

Conversions

Conversions Part 1

Format	Color
Hex	FEB2E1
RGB	254, 178, 225
RGB Percent	100%, 70%, 88%
CMY	0.0031, 0.3012, 0.1169
CMYK	0.00, 0.30, 0.11, 0.00
HSL	323°, 98%, 85%
HSV	323°, 30%, 100%
XYZ	70.5213, 58.4711, 78.9416
YIQ	206.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

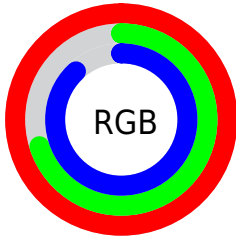
Format	Color
R_{YB}	254, 178, 225
Decimal	16691937
CIE _{Lab}	81.00, 34.55, -12.43
CIE _{LCh}	81, 36.716, 340.212
Yxy	58.4711, 0.3392, 0.2812
Android (android.graphics.Color)	4294882017 (0xFFFE _{B2E1})
YUV	206.0820, 9.3266, 42.0241
Hunter-Lab	76.4664, 30.8057, -7.6827

Details

The CIELCh color $81, 36.716, 340.212$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 36.023, 155.193$, 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 $61, 36.944, 339.811$ is the 20% darker color. If you saturate the color by 10%, you get $75, 48.770, 341.194$, and if you desaturate by 10%, it is $87, 24.371, 339.322$.

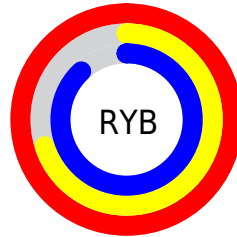
Distribution



Red (100%)

Green (70%)

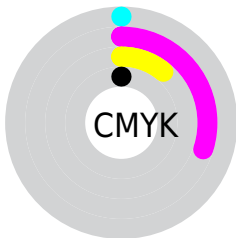
Blue (88%)



Red (100%)

Yellow (70%)

Blue (88%)

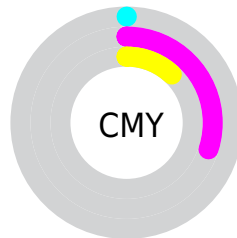


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 36.716, 340.212 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, 36.716, 340.212 by changing the saturation by 10% instead.


 81, 36.716,
340.212


 81, 36.716,
340.212


 100, 36.716,
340.212


 71, 36.716,
340.212


 61, 36.716,
340.212

 51, 36.716,
340.212

 41, 36.716,
340.212

 31, 36.716,
340.212

 21, 36.716,
340.212

 11, 36.716,

340.212

■ 1, 36.716, 340.212

■ 0, 36.716, 340.212

■ 81, 36.716,
340.212

■ 81, 36.716,
340.212

■ 75, 48.770,
341.194

■ 87, 24.371,
339.322

■ 70, 60.123,
342.296

■ 93, 12.035,
338.493

■ 65, 70.223,
343.564

100, 0.111,
161.724

■ 62, 78.437,
345.064

100, 0.277,
201.780

■ 59, 84.179,

346.889

■ 57, 87.120,
349.157

■ 56, 87.615,
351.938

■ 56, 87.617,
351.967

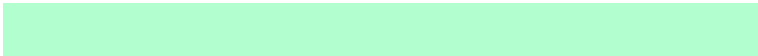
Harmonies

Complementary

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



81, 36.716, 340.212



94, 36.023, 155.193

Rectangle

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



81, 36.716, 340.212



81, 36.716, 30.212



81, 36.716, 160.212



81, 36.716, 210.212

Sweetspot

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



81, 36.713, 340.213



94, 10.959, 338.420



77, 41.986, 306.096



49, 7.625, 338.538



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, 36.713, 340.213



78, 44.237, 340.800



80, 29.651, 11.701



50, 6.926, 338.461



42, 70.960, 351.410



11, 33.453, 347.668

Inverse Universe

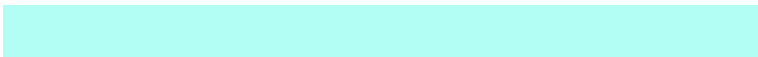
The Inverse Universe completely reimagines the original color for something new.



81, 36.713, 340.213



78, 44.237, 340.800



95, 25.451, 185.934



50, 6.926, 338.461



42, 70.960, 351.410



11, 33.453, 347.668

Previews

White Background



This preview shows how the CIELCh color 81, 36.716, 340.212 looks on a white background.

Color Contrast Check

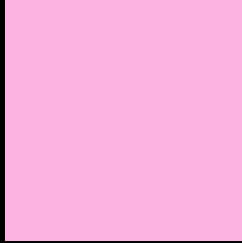
Large Text (above 18pt) WCAG AA × Fail

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, 36.716, 340.212 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, 36.716, 340.212

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.716, 340.212.




This preview shows how white text looks on a background with the CIELCh color 81, 36.716, 340.212.

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, 26.719, 5.775

Trichromacy



Original Color
81, 36.716, 340.212



Protanomaly
81, 23.846, 311.511



Deuteranomaly
81, 22.011, 328.459

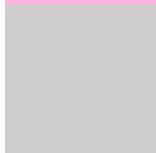


Tritanomaly
81, 29.604, 354.526

Monochromacy



Original Color
81, 36.716, 340.212



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 13.636, 339.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.716, 340.212 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 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(254, 178, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.716, 340.212 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, 225) }
```

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

```
.border{ border-color:rgb(254, 178, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.716, 340.212 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, 225) }
```

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

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