

Converting Colors

CIELCh(80, 24.977, 341.563)

Have a look what the booklet for
CIELCh(80, 24.977, 341.563)
contains.

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Color

CIELCh(80, 25.347, 341.164)

Conversions

Conversions Part 1

Format	Color
Hex	ECB7D6
RGB	236, 183, 214
RGB Percent	93%, 72%, 84%
CMY	0.0737, 0.2816, 0.1600
CMYK	0.00, 0.22, 0.09, 0.07
HSL	325°, 59%, 82%
HSV	325°, 22%, 93%
XYZ	63.7976, 56.6813, 71.3305
YIQ	202.3810, 21.6370, 20.8770

Conversions

Conversions Part 2

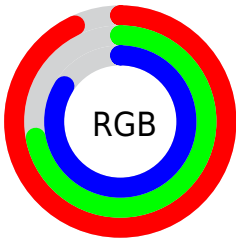
Format	Color
RYB	236, 183, 214
Decimal	15513558
CIELab	80.00, 23.99, -8.18
CIELCh	80, 25.347, 341.164
Yxy	56.6813, 0.3326, 0.2955
Android (android.graphics.Color)	4293703638 (0xFFECB7D6)
YUV	202.3810, 5.7282, 29.4839
Hunter-Lab	75.2870, 19.5072, -3.4733

Details

The CIELCh color `80, 25.347, 341.164` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `89, 24.889, 157.465`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 9.976, 324.758`, and `60, 25.119, 341.864` is the 20% darker color. If you saturate the color by 10%, you get `74, 36.709, 342.122`, and if you desaturate by 10%, it is `86, 13.949, 340.290`.

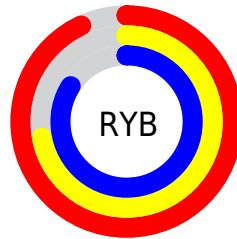
Distribution



Red (93%)

Green (72%)

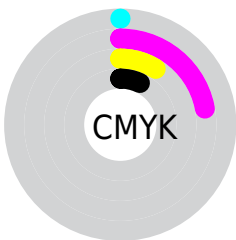
Blue (84%)



Red (93%)

Yellow (72%)

Blue (84%)

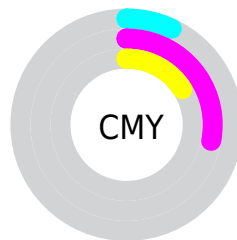


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 25.347, 341.164 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, 25.347, 341.164 by changing the saturation by 10% instead.


 80, 25.347,
341.164


 80, 25.347,
341.164


 100, 25.347,
341.164


 70, 25.347,
341.164

 60, 25.347,
341.164

 50, 25.347,
341.164

 40, 25.347,
341.164

 30, 25.347,
341.164

 20, 25.347,
341.164

 10, 25.347,

341.164

0, 25.347, 341.164

80, 25.347,
341.164

80, 25.347,
341.164

74, 36.709,
342.122

86, 13.949,
340.290

69, 47.753,
343.191

92, 2.712, 339.375

64, 58.061,
344.413

98, 8.256, 158.857

99, 6.526, 192.024

60, 67.103,
345.845

99, 6.445, 199.100

56, 74.289,
347.573

■ 54, 79.114,
349.709

■ 52, 81.366,
352.387

■ 52, 81.734,
354.786

Harmonies

Complementary

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



80, 25.347, 341.164



89, 24.889, 157.465

Rectangle

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



80, 25.347, 341.164



80, 25.347, 31.164



80, 25.347, 161.164



80, 25.347, 211.164

Sweetspot

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



80, 25.344, 341.165



95, 8.308, 339.831



78, 29.471, 306.729



50, 5.402, 339.883



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, 25.344, 341.165



83, 32.502, 341.600



79, 20.458, 13.275



46, 6.317, 340.039



39, 67.160, 354.162



8, 29.602, 349.055

Inverse Universe

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



80, 25.344, 341.165



83, 32.502, 341.600



90, 18.127, 189.431



46, 6.317, 340.039



39, 67.160, 354.162



8, 29.602, 349.055

Previews

White Background



This preview shows how the CIELCh color 80, 25.347, 341.164 looks on a white background.

Color Contrast Check

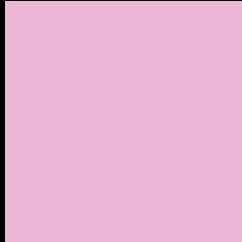
Large Text (above 18pt) WCAG AA × Fail

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, 25.347, 341.164 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, 25.347, 341.164

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.347, 341.164.



This preview shows how white text looks on a background with the CIELCh color 80, 25.347, 341.164.

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, 25.347, 341.164

Protanopia

80, 13.864, 288.554

Deuteranopia

80, 12.286, 324.910



Tritanopia
80, 19.407, 358.644

Trichromacy



Original Color
80, 25.347, 341.164

Protanomaly
80, 16.320, 314.421

Deuteranomaly
80, 17.305, 333.273

Tritanomaly
80, 21.325, 351.485

Monochromacy



Original Color
80, 25.347, 341.164

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.111, 340.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.347, 341.164 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(236, 183, 214)` looks like.

```
.text, #text, p{  
    color:rgb(236, 183, 214)  
}
```

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(236, 183, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 183, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.347, 341.164 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(236, 183, 214) }
```

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

```
.border{ border-color:rgb(236, 183, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 183, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 183, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 183, 214);  
box-shadow:4px 4px 4px 4px rgb(236, 183,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.347, 341.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 183, 214) }
```

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

```
.background{ background-color: rgb(236,  
183, 214) }
```

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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