

Converting Colors

CIELCh(60, 71.341, 342.233)

Have a look what the booklet for
CIELCh(60, 71.341, 342.233)
contains.

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Color

CIELCh(60, 71.326, 342.268)

Conversions

Conversions Part 1

Format	Color
Hex	ED55B8
RGB	237, 85, 184
RGB Percent	93%, 33%, 72%
CMY	0.0689, 0.6649, 0.2769
CMYK	0.00, 0.64, 0.22, 0.07
HSL	321°, 81%, 63%
HSV	321°, 64%, 93%
XYZ	47.0485, 28.1233, 48.5156
YIQ	141.7340, 58.8130, 63.0130

Conversions

Conversions Part 2

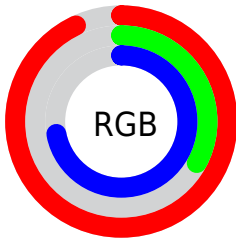
Format	Color
R _{YB}	237, 85, 184
Decimal	15553976
CIE Lab	60.00, 67.94, -21.72
CIE LCh	60, 71.326, 342.268
Yxy	28.1233, 0.3804, 0.2274
Android (android.graphics.Color)	4293744056 (0xFFED55B8)
YUV	141.7340, 20.8371, 83.5483
Hunter-Lab	53.0314, 65.5568, -17.1192

Details

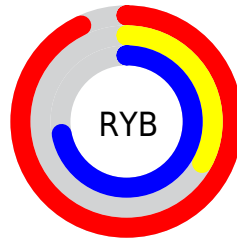
The CIELCh color **60, 71.326, 342.268** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **84, 71.279, 149.329**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 63.145, 331.014**, and **40, 71.291, 342.091** is the 20% darker color. If you saturate the color by 10%, you get **57, 78.333, 343.711**, and if you desaturate by 10%, it is **64, 62.261, 341.044**.

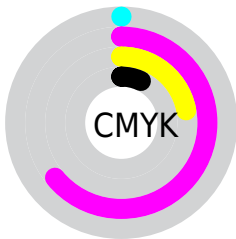
Distribution



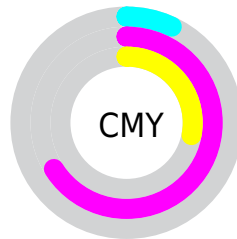
- Red (93%)
- Green (33%)
- Blue (72%)



- Red (93%)
- Yellow (33%)
- Blue (72%)



- Cyan (0%)
- Magenta (64%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (66%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 71.326, 342.268 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 60, 71.326, 342.268 by changing the saturation by 10% instead.

 60, 71.326,
342.268


 60, 71.326,
342.268


 100, 71.326,
342.268


 50, 71.326,
342.268


 80, 71.326,
342.268

 40, 71.326,
342.268

 90, 71.326,
342.268

 30, 71.326,
342.268

 20, 71.326,
342.268

 10, 71.326,
342.268

 0, 71.326, 342.268

 60, 71.326,

 60, 71.326,

342.268

342.268

57, 78.333,
343.711

64, 62.261,
341.044

54, 82.804,
345.459

69, 51.747,
339.976

53, 84.573,
347.616

74, 40.344,
339.020

52, 84.681,
349.097

80, 28.503,
338.148

85, 16.550,
337.338

91, 4.703, 336.535

98, 6.904, 155.987

99, 6.491, 179.289

99, 6.029, 199.133

Harmonies

Complementary

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



60, 71.326, 342.268



84, 71.279, 149.329

Rectangle

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



60, 71.326, 342.268



60, 71.326, 32.268



60, 71.326, 162.268



60, 71.326, 212.268

Sweetspot

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



60, 71.323, 342.269



88, 23.848, 337.741



49, 87.843, 307.767



45, 16.434, 337.976



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 71.323, 342.269



60, 84.541, 344.246



58, 62.810, 16.642



47, 6.737, 336.983



40, 70.054, 348.639



9, 31.478, 344.911

Inverse Universe

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



60, 71.323, 342.269



60, 84.541, 344.246



86, 45.845, 179.433



47, 6.737, 336.983



40, 70.054, 348.639



9, 31.478, 344.911

Previews

White Background



This preview shows how the CIELCh color 60, 71.326, 342.268 looks on a white background.

Color Contrast Check

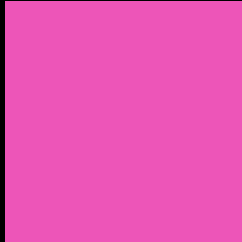
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 71.326, 342.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

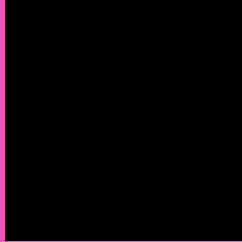
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 71.326, 342.268

Background



This preview shows how black text looks on a background with the CIELCh color 60, 71.326, 342.268.

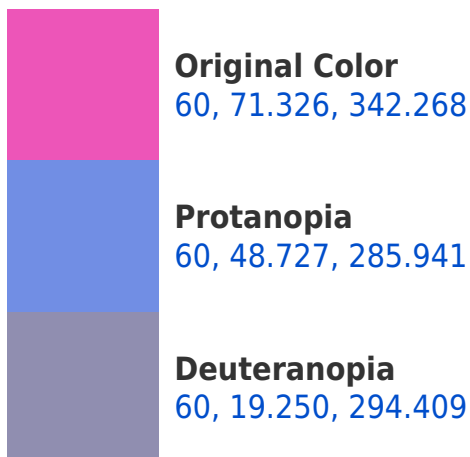


This preview shows how white text looks on a background with the CIELCh color 60, 71.326, 342.268.

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
60, 53.906, 22.380

Trichromacy



Original Color
60, 71.326, 342.268



Protanomaly
58, 53.115, 308.280



Deuteranomaly
58, 38.594, 325.675



Tritanomaly
60, 56.456, 4.568

Monochromacy



Original Color
60, 71.326, 342.268



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 29.420, 339.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 71.326, 342.268 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(237, 85, 184)` looks like.

```
.text, #text, p{  
    color:rgb(237, 85, 184)  
}
```

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(237, 85, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 85, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 71.326, 342.268 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(237, 85, 184) }
```

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

```
.border{ border-color:rgb(237, 85, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 85, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 85, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 85, 184);  
box-shadow:4px 4px 4px 4px rgb(237, 85,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 71.326, 342.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 85, 184) }
```

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

```
.background{ background-color: rgb(237, 85,  
184) }
```

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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