

Converting Colors

CIELCh(61, 64.394, 343.041)

Have a look what the booklet for
CIELCh(61, 64.394, 343.041)
contains.

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Color

CIELCh(61, 64.403, 342.953)

Conversions

Conversions Part 1

Format	Color
Hex	E961B6
RGB	233, 97, 182
RGB Percent	91%, 38%, 71%
CMY	0.0863, 0.6196, 0.2863
CMYK	0.00, 0.58, 0.22, 0.09
HSL	323°, 76%, 65%
HSV	323°, 58%, 91%
XYZ	46.3194, 29.2481, 47.4570
YIQ	147.3540, 53.7710, 55.2670

Conversions

Conversions Part 2

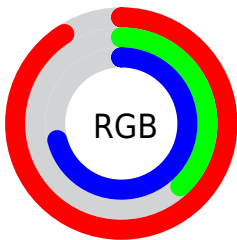
Format	Color
R _Y B	233, 97, 182
Decimal	15294902
CIE _{Lab}	61.00, 61.57, -18.88
CIE _{LCh}	61, 64.403, 342.953
Yxy	29.2481, 0.3765, 0.2377
Android (android.graphics.Color)	4293484982 (0xFFE961B6)
YUV	147.3540, 17.0805, 75.1115
Hunter-Lab	54.0815, 58.2379, -14.1704

Details

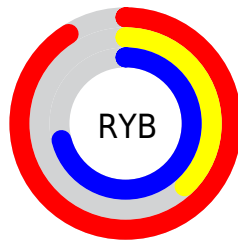
The CIELCh color **61, 64.403, 342.953** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **83, 63.476, 151.296**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 56.565, 331.931**, and **41, 64.510, 342.921** is the 20% darker color. If you saturate the color by 10%, you get **57, 72.440, 344.370**, and if you desaturate by 10%, it is **65, 54.709, 341.746**.

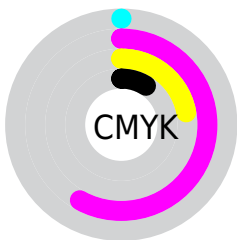
Distribution



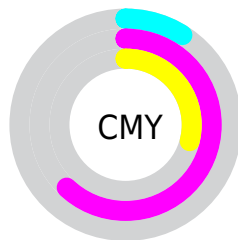
- Red (91%)
- Green (38%)
- Blue (71%)



- Red (91%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (58%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (62%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.403, 342.953 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 61, 64.403, 342.953 by changing the saturation by 10% instead.


 61, 64.403,
342.953


 61, 64.403,
342.953


 100, 64.403,
342.953


 51, 64.403,
342.953


 81, 64.403,
342.953

 41, 64.403,
342.953

 91, 64.403,
342.953

 31, 64.403,
342.953

 21, 64.403,
342.953

 11, 64.403,
342.953

 1, 64.403, 342.953

 0, 64.403, 342.953

61, 64.403,
342.953

61, 64.403,
342.953

57, 72.440,
344.370

65, 54.709,
341.746

54, 78.268,
346.078

70, 43.945,
340.688

52, 81.517,
348.188

76, 32.599,
339.740

51, 82.322,
350.792

81, 21.036,
338.874

51, 82.366,
351.244

87, 9.508, 338.061

93, 1.824, 157.596

98, 9.831, 160.998

98, 7.755, 187.205

98, 7.523, 199.017

Harmonies

Complementary

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



61, 64.403, 342.953



83, 63.476, 151.296

Rectangle

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



61, 64.403, 342.953



61, 64.403, 32.953



61, 64.403, 162.953



61, 64.403, 212.953

Sweetspot

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



61, 64.400, 342.954



88, 22.176, 338.851



53, 78.765, 308.220



45, 15.434, 339.097



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 64.400, 342.954



62, 78.997, 344.681



59, 56.730, 17.474



46, 6.498, 338.150



40, 68.397, 350.734



8, 30.194, 346.366

Inverse Universe

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



61, 64.400, 342.954



62, 78.997, 344.681



85, 41.309, 183.203



46, 6.498, 338.150



40, 68.397, 350.734



8, 30.194, 346.366

Previews

White Background



This preview shows how the CIELCh color 61, 64.403, 342.953 looks on a white background.

Color Contrast Check

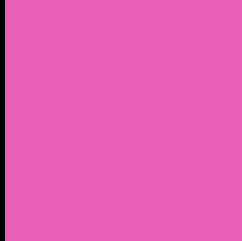
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 64.403, 342.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

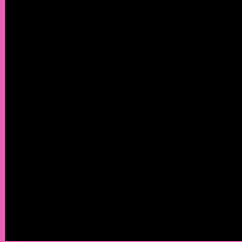
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 64.403, 342.953

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.403, 342.953.

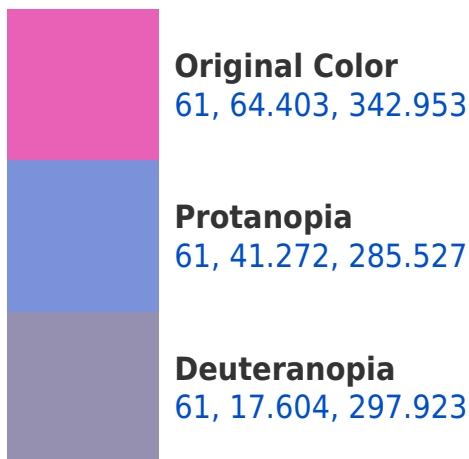


This preview shows how white text looks on a background with the CIELCh color 61, 64.403, 342.953.

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
61, 48.470, 20.917

Trichromacy



Original Color
61, 64.403, 342.953



Protanomaly
60, 45.184, 309.464



Deuteranomaly
60, 34.555, 327.077

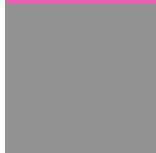


Tritanomaly
61, 50.920, 4.427

Monochromacy



Original Color
61, 64.403, 342.953



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 25.544, 339.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.403, 342.953 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(233, 97, 182)` looks like.

```
.text, #text, p{  
    color:rgb(233, 97, 182)  
}
```

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(233, 97, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 97, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.403, 342.953 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(233, 97, 182) }
```

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

```
.border{ border-color:rgb(233, 97, 182) }
```

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

Here you see how a box with a 4 pixel rgb(233, 97, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 97, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 97, 182);  
box-shadow:4px 4px 4px 4px rgb(233, 97,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.403, 342.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 97, 182) }
```

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

```
.background{ background-color: rgb(233, 97,  
182) }
```

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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