

Converting Colors

CIELCh(61, 62.494, 339.310)

Have a look what the booklet for
CIELCh(61, 62.494, 339.310)
contains.

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Color

CIELCh(61, 62.494, 339.310)

Conversions

Conversions Part 1

Format	Color
Hex	E265BB
RGB	226, 101, 187
RGB Percent	89%, 40%, 73%
CMY	0.1118, 0.6021, 0.2649
CMYK	0.00, 0.55, 0.17, 0.11
HSL	319°, 69%, 64%
HSV	319°, 55%, 89%
XYZ	45.2298, 29.2481, 50.5250
YIQ	148.1790, 46.8940, 53.2460

Conversions

Conversions Part 2

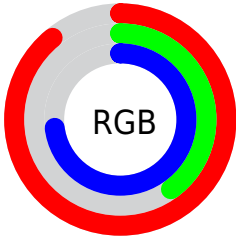
Format	Color
R _Y B	226, 101, 187
Decimal	14837179
CIE _{Lab}	61.00, 58.46, -22.08
CIE _{LCh}	61, 62.494, 339.310
Y _{xy}	29.2481, 0.3618, 0.2340
Android (android.graphics.Color)	4293027259 (0xFFE265BB)
Y _{UV}	148.1790, 19.1388, 68.2490
Hunter-Lab	54.0815, 54.6414, -17.5339

Details

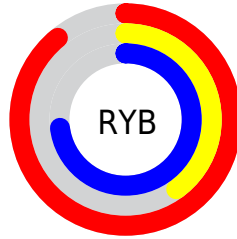
The CIELCh color $61, 62.494, 339.310$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $81, 62.158, 149.275$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 56.109, 330.280$, and $41, 62.803, 339.213$ is the 20% darker color. If you saturate the color by 10%, you get $57, 71.192, 340.420$, and if you desaturate by 10%, it is $65, 52.296, 338.327$.

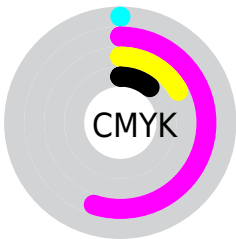
Distribution



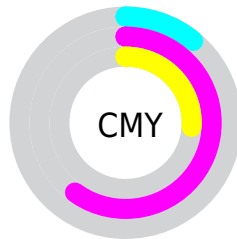
- Red (89%)
- Green (40%)
- Blue (73%)



- Red (89%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (55%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (60%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 62.494, 339.310 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, 62.494, 339.310 by changing the saturation by 10% instead.


 61, 62.494,
339.310


 61, 62.494,
339.310


 100, 62.494,
339.310


 51, 62.494,
339.310


 81, 62.494,
339.310

 41, 62.494,
339.310

 91, 62.494,
339.310

 31, 62.494,
339.310

 21, 62.494,
339.310

 11, 62.494,
339.310

 1, 62.494, 339.310

 0, 62.494, 339.310

61, 62.494,
339.310

61, 62.494,
339.310

57, 71.192,
340.420

65, 52.296,
338.327

54, 77.827,
341.706

70, 41.159,
337.433

52, 81.947,
343.241

76, 29.531,
336.609

51, 83.435,
345.109

81, 17.746,
335.836

50, 83.538,
346.107

87, 6.029, 335.079

93, 5.477, 154.538

98, 13.679,
156.302

98, 11.433,
169.359

Harmonies

Complementary

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



61, 62.494, 339.310



81, 62.158, 149.275

Rectangle

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



61, 62.494, 339.310



61, 62.494, 29.310



61, 62.494, 159.310



61, 62.494, 209.310

Sweetspot

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



61, 62.491, 339.310



89, 21.869, 335.980



52, 72.607, 306.107



46, 14.642, 336.134



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, 62.491, 339.310



64, 78.895, 340.567



59, 51.960, 11.503



44, 6.551, 335.405



39, 69.396, 345.714



7, 29.156, 342.115

Inverse Universe

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



61, 62.491, 339.310



64, 78.895, 340.567



83, 40.811, 177.612



44, 6.551, 335.405



39, 69.396, 345.714



7, 29.156, 342.115

Previews

White Background



This preview shows how the CIELCh color 61, 62.494, 339.310 looks on a white background.

Color Contrast Check

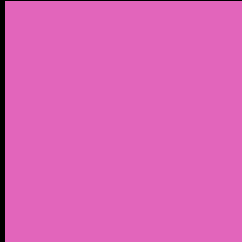
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.494, 339.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

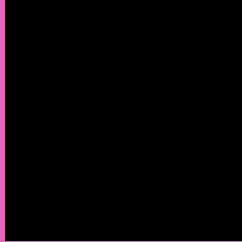
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 62.494, 339.310

Background



This preview shows how black text looks on a background with the CIELCh color 61, 62.494, 339.310.



This preview shows how white text looks on a background with the CIELCh color 61, 62.494, 339.310.

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
61, 62.494, 339.310

Protanopia
61, 42.940, 285.765

Deuteranopia
61, 20.311, 293.389



Tritanopia
61, 43.606, 18.969

Trichromacy



Original Color
61, 62.494, 339.310



Protanomaly
60, 46.480, 307.347



Deuteranomaly
60, 34.655, 321.682



Tritanomaly
61, 47.053, 0.931

Monochromacy



Original Color
61, 62.494, 339.310



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 24.395, 336.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 62.494, 339.310 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(226, 101, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 101, 187)  
}
```

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(226, 101, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 101, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 62.494, 339.310 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(226, 101, 187) }
```

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

```
.border{ border-color:rgb(226, 101, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 101, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 101, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 101, 187);  
box-shadow:4px 4px 4px 4px rgb(226, 101,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 62.494, 339.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 101, 187) }
```

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

```
.background{ background-color: rgb(226,  
101, 187) }
```

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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