

Converting Colors

CIELCh(62, 60.865, 349.358)

Have a look what the booklet for
CIELCh(62, 60.865, 349.358)
contains.

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Color

CIELCh(62, 60.835, 349.613)

Conversions

Conversions Part 1

Format	Color
Hex	EE65AB
RGB	238, 101, 171
RGB Percent	93%, 40%, 67%
CMY	0.0669, 0.6041, 0.3296
CMYK	0.00, 0.58, 0.28, 0.07
HSL	329°, 80%, 66%
HSV	329°, 58%, 93%
XYZ	47.2348, 30.4025, 41.8814
YIQ	149.9430, 59.1820, 50.8140

Conversions

Conversions Part 2

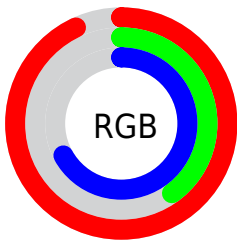
Format	Color
R _Y B	238, 101, 171
Decimal	15623595
CIE Lab	62.00, 59.84, -10.97
CIE LCh	62, 60.835, 349.613
Yxy	30.4025, 0.3952, 0.2544
Android (android.graphics.Color)	4293813675 (0xFFEE65AB)
YUV	149.9430, 10.3811, 77.2260
Hunter-Lab	55.1385, 56.4209, -6.4378

Details

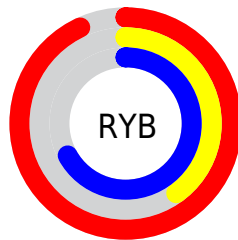
The CIELCh color **62, 60.835, 349.613** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **85, 57.828, 156.643**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 49.880, 337.006**, and **42, 60.950, 349.659** is the 20% darker color. If you saturate the color by 10%, you get **58, 68.929, 351.525**, and if you desaturate by 10%, it is **67, 51.279, 348.045**.

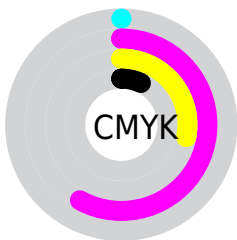
Distribution



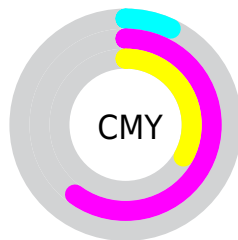
- Red (93%)
- Green (40%)
- Blue (67%)



- Red (93%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (60%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 60.835, 349.613 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 62, 60.835, 349.613 by changing the saturation by 10% instead.


 62, 60.835,
349.613


 62, 60.835,
349.613


 100, 60.835,
349.613


 52, 60.835,
349.613


 82, 60.835,
349.613

 42, 60.835,
349.613

 92, 60.835,
349.613

 32, 60.835,
349.613

 22, 60.835,
349.613

 12, 60.835,
349.613

 2, 60.835, 349.613

 0, 60.835, 349.613

62, 60.835,
349.613

62, 60.835,
349.613

58, 68.929,
351.525

67, 51.279,
348.045

55, 75.019,
353.909

72, 40.829,
346.723

53, 78.746,
356.927

77, 29.940,
345.579

52, 80.229, 0.715

83, 18.949,
344.566

51, 80.462, 1.703

89, 8.077, 343.634

96, 2.543, 163.057

99, 6.053, 186.499

99, 5.860, 199.147

Harmonies

Complementary

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



62, 60.835, 349.613



85, 57.828, 156.643

Rectangle

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



62, 60.835, 349.613



62, 60.835, 39.613



62, 60.835, 169.613



62, 60.835, 219.613

Sweetspot

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



62, 60.832, 349.614



89, 19.382, 344.517



56, 79.194, 311.507



46, 12.988, 344.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 60.832, 349.614



61, 73.882, 351.890



60, 58.925, 25.817



47, 6.111, 343.810



39, 66.348, 0.941



8, 29.549, 354.724

Inverse Universe

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



62, 60.832, 349.614



61, 73.882, 351.890



87, 38.790, 195.124



47, 6.111, 343.810



39, 66.348, 0.941



8, 29.549, 354.724

Previews

White Background



This preview shows how the CIELCh color 62, 60.835, 349.613 looks on a white background.

Color Contrast Check

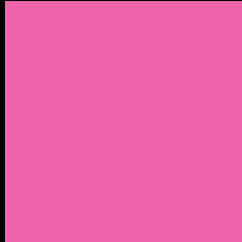
Large Text (above 18pt) WCAG AA × Fail

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 62, 60.835, 349.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

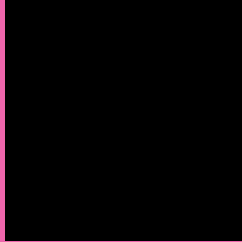
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 60.835, 349.613

Background



This preview shows how black text looks on a background with the CIELCh color 62, 60.835, 349.613.

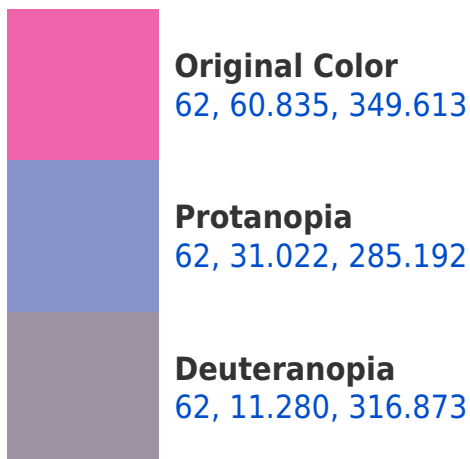


This preview shows how white text looks on a background with the CIELCh color 62, 60.835, 349.613.

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](#).

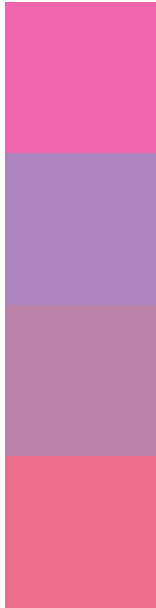
Dichromacy





Tritanopia
62, 51.229, 20.932

Trichromacy



Original Color
62, 60.835, 349.613

Protanomaly
61, 36.818, 316.540

Deuteranomaly
61, 30.036, 339.311

Tritanomaly
62, 52.464, 7.867

Monochromacy



Original Color
62, 60.835, 349.613

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 24.123, 345.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 60.835, 349.613 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(238, 101, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 101, 171)  
}
```

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(238, 101, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 101, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 60.835, 349.613 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(238, 101, 171) }
```

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

```
.border{ border-color:rgb(238, 101, 171) }
```

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

Here you see how a box with a 4 pixel rgb(238, 101, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 101, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 101, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 101,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 60.835, 349.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 101, 171) }
```

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

```
.background{ background-color: rgb(238,  
101, 171) }
```

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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