

Converting Colors

CIELCh(62, 59.723, 346.920)

Have a look what the booklet for
CIELCh(62, 59.723, 346.920)
contains.

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Color

CIELCh(62, 59.795, 346.956)

Conversions

Conversions Part 1	
Format	Color
Hex	EA67AF
RGB	234, 103, 175
RGB Percent	92%, 40%, 69%
CMY	0.0812, 0.5950, 0.3127
CMYK	0.00, 0.56, 0.25, 0.08
HSL	327°, 76%, 66%
HSV	327°, 56%, 92%
XYZ	46.6696, 30.4025, 44.1027
YIQ	150.3770, 54.9640, 50.1640

Conversions

Conversions Part 2

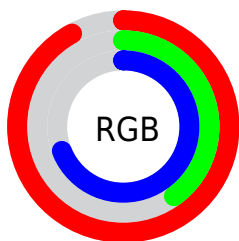
Format	Color
RYB	234, 103, 175
Decimal	15361967
CIELab	62.00, 58.25, -13.50
CIELCh	62, 59.795, 346.956
Yxy	30.4025, 0.3851, 0.2509
Android (android.graphics.Color)	4293552047 (0xFFEA67AF)
YUV	150.3770, 12.1391, 73.3374
Hunter-Lab	55.1385, 54.5912, -8.8264

Details

The CIELCh color **62, 59.795, 346.956** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **84, 57.593, 155.026**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 50.435, 334.986**, and **42, 60.035, 346.674** is the 20% darker color. If you saturate the color by 10%, you get **58, 68.125, 348.630**, and if you desaturate by 10%, it is **67, 50.054, 345.561**.

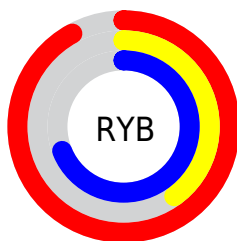
Distribution



Red (92%)

Green (40%)

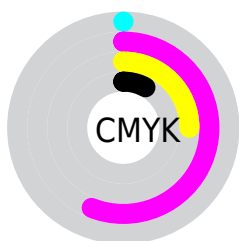
Blue (69%)



Red (92%)

Yellow (40%)

Blue (69%)

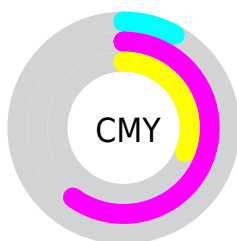


Cyan (0%)

Magenta (56%)

Yellow (25%)

Black (8%)



Cyan (8%)


Magenta (60%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 59.795, 346.956 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, 59.795, 346.956 by changing the saturation by 10% instead.


 62, 59.795,
346.956


 62, 59.795,
346.956


 100, 59.795,
346.956


 52, 59.795,
346.956


 82, 59.795,
346.956

 42, 59.795,
346.956

 92, 59.795,
346.956


 32, 59.795,
346.956


 22, 59.795,
346.956


 12, 59.795,
346.956


 2, 59.795, 346.956


 0, 59.795, 346.956


 62, 59.795,
346.956


 62, 59.795,
346.956


 58, 68.125,
348.630


 67, 50.054,
345.561

 55, 74.487,
350.690


 72, 39.461,
344.364

 53, 78.459,
353.275

 77, 28.457,
343.312

 51, 80.007,
356.533

 83, 17.363,
342.368

 51, 80.254,
358.011

 89, 6.391, 341.479

 95, 4.333, 160.875

 98, 7.798, 176.532

 99, 7.088, 199.050

Harmonies

Complementary

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



62, 59.795, 346.956



84, 57.593, 155.026

Rectangle

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



62, 59.795, 346.956



62, 59.795, 36.956



62, 59.795, 166.956



62, 59.795, 216.956

Sweetspot

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



62, 59.792, 346.957



89, 19.880, 342.473



56, 75.888, 310.441



46, 13.319, 342.658



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, 59.792, 346.957



62, 73.714, 348.890



60, 55.654, 23.002



46, 6.164, 341.795



39, 66.313, 357.327



8, 29.142, 351.548

Inverse Universe

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



62, 59.792, 346.957



62, 73.714, 348.890



86, 38.204, 191.682



46, 6.164, 341.795



39, 66.313, 357.327



8, 29.142, 351.548

Previews

White Background



This preview shows how the CIELCh color 62, 59.795, 346.956 looks on a white background.

Color Contrast Check

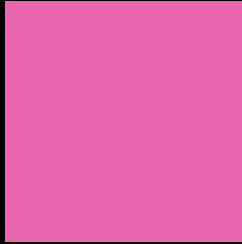
Large Text (above 18pt) WCAG AA × Fail

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, 59.795, 346.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

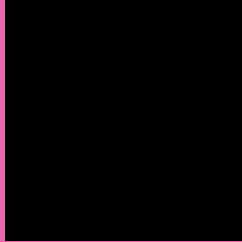
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 59.795, 346.956

Background



This preview shows how black text looks on a background with the CIELCh color 62, 59.795, 346.956.



This preview shows how white text looks on a background with the CIELCh color 62, 59.795, 346.956.

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

62, 59.795, 346.956

Protanopia

62, 33.251, 285.546

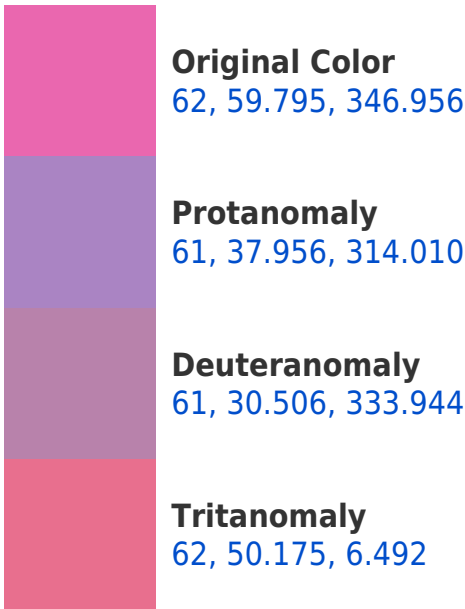
Deuteranopia

62, 12.961, 308.075

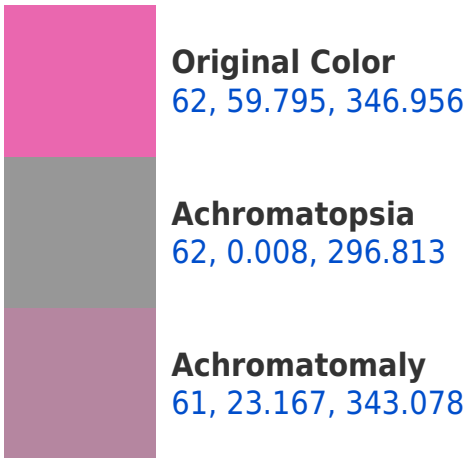


Tritanopia
62, 48.185, 20.134

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 59.795, 346.956 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(234, 103, 175)` looks like.

```
.text, #text, p{  
    color:rgb(234, 103, 175)  
}
```

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(234, 103, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 103, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 59.795, 346.956 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(234, 103, 175) }
```

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

```
.border{ border-color:rgb(234, 103, 175) }
```

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

Here you see how a box with a 4 pixel rgb(234, 103, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 103, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 103, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 103,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 59.795, 346.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 103, 175) }
```

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

```
.background{ background-color: rgb(234,  
103, 175) }
```

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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