

Converting Colors

CIELCh(62, 56.662, 342.972)

Have a look what the booklet for
CIELCh(62, 56.662, 342.972)
contains.

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Color

CIELCh(62, 56.355, 343.406)

Conversions

Conversions Part 1

Format	Color
Hex	E36DB4
RGB	227, 109, 180
RGB Percent	89%, 43%, 71%
CMY	0.1114, 0.5740, 0.2956
CMYK	0.00, 0.52, 0.21, 0.11
HSL	324°, 67%, 66%
HSV	324°, 52%, 89%
XYZ	45.1793, 30.4025, 46.4672
YIQ	152.3760, 47.5370, 47.0970

Conversions

Conversions Part 2

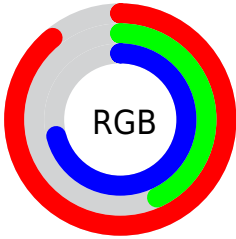
Format	Color
R _Y B	227, 109, 180
Decimal	14904756
CIE Lab	62.00, 54.01, -16.09
CIE LCh	62, 56.355, 343.406
Yxy	30.4025, 0.3702, 0.2491
Android (android.graphics.Color)	4293094836 (0xFFE36DB4)
YUV	152.3760, 13.6186, 65.4452
Hunter-Lab	55.1385, 49.7668, -11.3689

Details

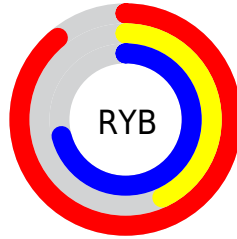
The CIELCh color $62, 56.355, 343.406$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $82, 54.985, 153.228$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 49.252, 333.206$, and $42, 56.316, 343.535$ is the 20% darker color. If you saturate the color by 10%, you get $58, 65.227, 344.761$, and if you desaturate by 10%, it is $67, 46.261, 342.242$.

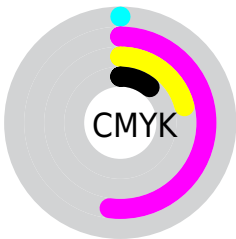
Distribution



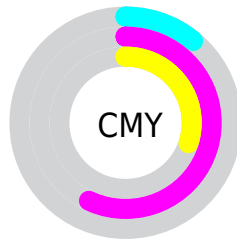
- Red (89%)
- Green (43%)
- Blue (71%)



- Red (89%)
- Yellow (43%)
- Blue (71%)



- Cyan (0%)
- Magenta (52%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (57%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 56.355, 343.406 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, 56.355, 343.406 by changing the saturation by 10% instead.


 62, 56.355,
343.406

 62, 56.355,
343.406


 100, 56.355,
343.406


 52, 56.355,
343.406


 82, 56.355,
343.406

 42, 56.355,
343.406

 92, 56.355,
343.406

 32, 56.355,
343.406

 22, 56.355,
343.406

 12, 56.355,
343.406

 2, 56.355, 343.406

 0, 56.355, 343.406

62, 56.355,
343.406

62, 56.355,
343.406

58, 65.227,
344.761

67, 46.261,
342.242

54, 72.318,
346.381

72, 35.464,
341.215

52, 77.123,
348.370

77, 24.359,
340.290

50, 79.412,
350.852

83, 13.224,
339.438

50, 79.809,
353.191

89, 2.239, 338.518

95, 8.487, 158.035

98, 11.746,
166.642

98, 9.871, 189.306

Harmonies

Complementary

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



62, 56.355, 343.406



82, 54.985, 153.228

Rectangle

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



62, 56.355, 343.406



62, 56.355, 33.406



62, 56.355, 163.406



62, 56.355, 213.406

Sweetspot

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



62, 56.352, 343.407



90, 19.374, 339.776



55, 68.471, 308.228



46, 13.099, 339.952



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, 56.352, 343.407



65, 71.623, 344.812



60, 49.284, 17.075



44, 6.163, 339.222



38, 66.256, 352.618



7, 27.721, 347.470

Inverse Universe

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



62, 56.352, 343.407



65, 71.623, 344.812



83, 36.757, 185.409



44, 6.163, 339.222



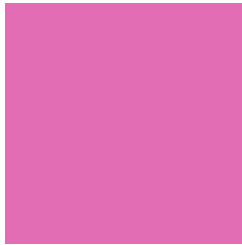
38, 66.256, 352.618



7, 27.721, 347.470

Previews

White Background



This preview shows how the CIELCh color 62, 56.355, 343.406 looks on a white background.

Color Contrast Check

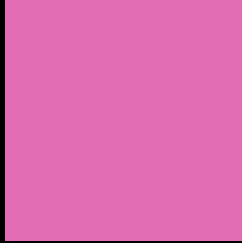
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 56.355, 343.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

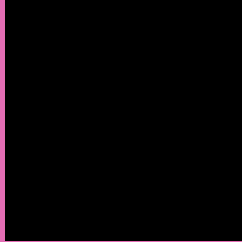
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 56.355, 343.406

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.355, 343.406.

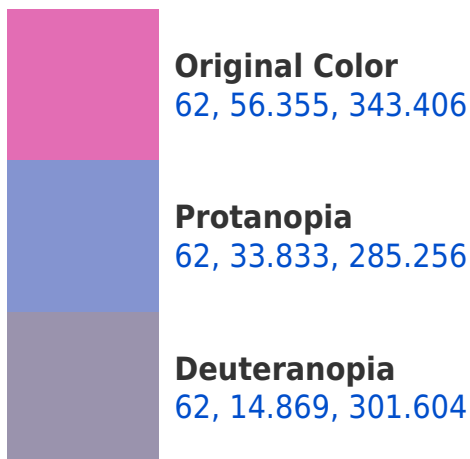


This preview shows how white text looks on a background with the CIELCh color 62, 56.355, 343.406.

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, 42.558, 18.588

Trichromacy



Original Color
62, 56.355, 343.406

Protanomaly
61, 37.812, 310.646

Deuteranomaly
61, 29.269, 328.971

Tritanomaly
62, 45.313, 3.309

Monochromacy



Original Color
62, 56.355, 343.406

Achromatopsia
63, 0.008, 296.813

Achromatomaly
61, 21.956, 340.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.355, 343.406 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(227, 109, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 109, 180)  
}
```

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(227, 109, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 109, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.355, 343.406 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(227, 109, 180) }
```

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

```
.border{ border-color:rgb(227, 109, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 109, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 109, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 109, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 109,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.355, 343.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 109, 180) }
```

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

```
.background{ background-color: rgb(227,  
109, 180) }
```

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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