

Converting Colors

CIELCh(62, 45.106, 344.049)

Have a look what the booklet for
CIELCh(62, 45.106, 344.049)
contains.

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Color

CIELCh(62, 45.299, 343.916)

Conversions

Conversions Part 1

Format	Color
Hex	D577AD
RGB	213, 119, 173
RGB Percent	84%, 47%, 68%
CMY	0.1643, 0.5329, 0.3212
CMYK	0.00, 0.44, 0.19, 0.16
HSL	326°, 53%, 65%
HSV	326°, 44%, 84%
XYZ	41.6354, 30.4025, 43.2625
YIQ	153.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

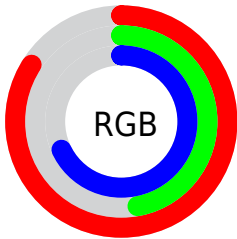
Format	Color
R_{YB}	213, 119, 173
Decimal	13989805
CIE _{Lab}	62.00, 43.53, -12.55
CIE _{LCh}	62, 45.299, 343.916
Yxy	30.4025, 0.3611, 0.2637
Android (android.graphics.Color)	4292179885 (0xFFD577AD)
YUV	153.2620, 9.7308, 52.3902
Hunter-Lab	55.1385, 38.2940, -7.9229

Details

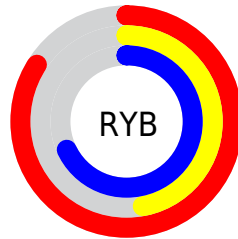
The CIELCh color $62, 45.299, 343.916$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $79, 43.891, 155.549$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 40.974, 337.957$, and $42, 45.311, 343.587$ is the 20% darker color. If you saturate the color by 10%, you get $58, 54.609, 345.186$, and if you desaturate by 10%, it is $67, 35.261, 342.813$.

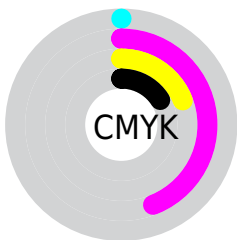
Distribution



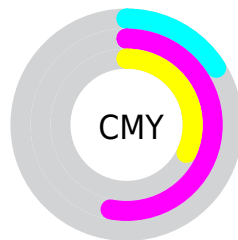
- Red (84%)
- Green (47%)
- Blue (68%)



- Red (84%)
- Yellow (47%)
- Blue (68%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 45.299, 343.916 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, 45.299, 343.916 by changing the saturation by 10% instead.


 62, 45.299,
343.916


 62, 45.299,
343.916


 100, 45.299,
343.916


 52, 45.299,
343.916


 82, 45.299,
343.916

 42, 45.299,
343.916

 92, 45.299,
343.916

 32, 45.299,
343.916

 22, 45.299,
343.916

 12, 45.299,
343.916

 2, 45.299, 343.916

 0, 45.299, 343.916

62, 45.299,
343.916

62, 45.299,
343.916

58, 54.609,
345.186

67, 35.261,
342.813

54, 62.706,
346.683

72, 24.893,
341.831

51, 69.055,
348.500

77, 14.470,
340.938

48, 73.220,
350.756

83, 4.174, 340.067

47, 75.059,
353.588

89, 5.885, 159.490

46, 75.414,
355.496

94, 15.651,
158.764

97, 17.407,
165.583

97, 15.127,
180.036

■ 97, 14.025,
198.012

Harmonies

Complementary

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



62, 45.299, 343.916



79, 43.891, 155.549

Rectangle

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



62, 45.299, 343.916



62, 45.299, 33.916



62, 45.299, 163.916



62, 45.299, 213.916

Sweetspot

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



62, 45.296, 343.917



92, 15.408, 340.855



57, 54.929, 308.677



48, 10.803, 341.047



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, 45.296, 343.917



69, 61.954, 345.108



61, 39.315, 17.835



42, 5.819, 340.539



37, 64.118, 354.921



5, 24.417, 349.119

Inverse Universe

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



62, 45.296, 343.917



69, 61.954, 345.108



80, 30.171, 189.236



42, 5.819, 340.539



37, 64.118, 354.921



5, 24.417, 349.119

Previews

White Background



This preview shows how the CIELCh color 62, 45.299, 343.916 looks on a white background.

Color Contrast Check

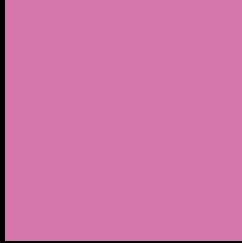
Large Text (above 18pt) WCAG AA × Fail

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, 45.299, 343.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

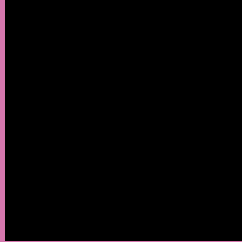
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 45.299, 343.916

Background



This preview shows how black text looks on a background with the CIELCh color 62, 45.299, 343.916.

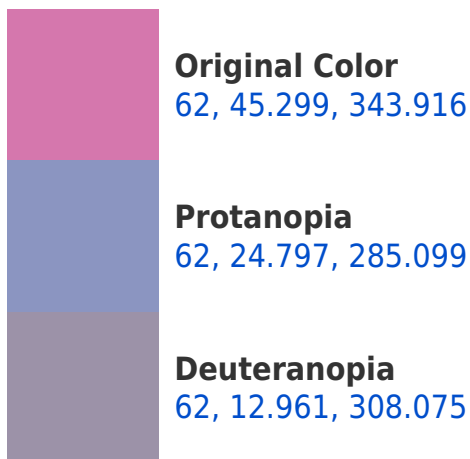


This preview shows how white text looks on a background with the CIELCh color 62, 45.299, 343.916.

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, 34.374, 14.195

Trichromacy



Original Color
62, 45.299, 343.916

Protanomaly
62, 28.899, 313.056

Deuteranomaly
62, 24.500, 330.931

Tritanomaly
62, 36.970, 1.136

Monochromacy



Original Color
62, 45.299, 343.916

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 16.864, 342.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 45.299, 343.916 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(213, 119, 173)` looks like.

```
.text, #text, p{  
    color:rgb(213, 119, 173)  
}
```

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(213, 119, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 119, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 45.299, 343.916 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(213, 119, 173) }
```

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

```
.border{ border-color:rgb(213, 119, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 119, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 119, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 119, 173);  
box-shadow:4px 4px 4px 4px rgb(213, 119,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 45.299, 343.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 119, 173) }
```

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

```
.background{ background-color: rgb(213,  
119, 173) }
```

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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