

Converting Colors

CIELCh(62, 50.283, 341.087)

Have a look what the booklet for
CIELCh(62, 50.283, 341.087)
contains.

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Color

CIELCh(62, 50.135, 341.079)

Conversions

Conversions Part 1

Format	Color
Hex	D974B4
RGB	217, 116, 180
RGB Percent	85%, 45%, 71%
CMY	0.1503, 0.5463, 0.2953
CMYK	0.00, 0.47, 0.17, 0.15
HSL	322°, 57%, 65%
HSV	322°, 47%, 85%
XYZ	42.9315, 30.4025, 46.6180
YIQ	153.4950, 39.6520, 41.3160

Conversions

Conversions Part 2

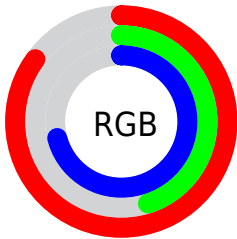
Format	Color
R _{YB}	217, 116, 180
Decimal	14251188
CIE _{Lab}	62.00, 47.43, -16.26
CIE _{LCh}	62, 50.135, 341.079
Yxy	30.4025, 0.3579, 0.2535
Android (android.graphics.Color)	4292441268 (0xFFD974B4)
YUV	153.4950, 13.0670, 55.6939
Hunter-Lab	55.1385, 42.4899, -11.5310

Details

The CIELCh color $62, 50.135, 341.079$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $79, 49.159, 152.622$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 45.617, 333.605$, and $42, 50.197, 341.173$ is the 20% darker color. If you saturate the color by 10%, you get $58, 59.550, 342.223$, and if you desaturate by 10%, it is $67, 39.797, 340.069$.

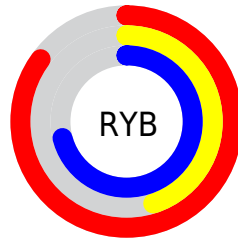
Distribution



Red (85%)

Green (45%)

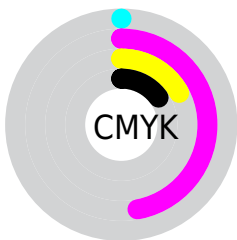
Blue (71%)



Red (85%)

Yellow (45%)

Blue (71%)

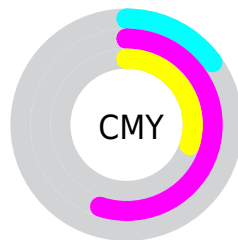


Cyan (0%)

Magenta (47%)

Yellow (17%)

Black (15%)



Cyan (15%)


Magenta (55%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 50.135, 341.079 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, 50.135, 341.079 by changing the saturation by 10% instead.


 62, 50.135,
341.079


 62, 50.135,
341.079


 100, 50.135,
341.079


 52, 50.135,
341.079


 82, 50.135,
341.079

 42, 50.135,
341.079


 92, 50.135,
341.079

 32, 50.135,
341.079

 22, 50.135,
341.079

 12, 50.135,
341.079

 2, 50.135, 341.079

 0, 50.135, 341.079

62, 50.135,
341.079

62, 50.135,
341.079

58, 59.550,
342.223

67, 39.797,
340.069

54, 67.520,
343.550

72, 28.982,
339.156

51, 73.501,
345.135

77, 18.011,
338.317

49, 77.095,
347.077

83, 7.104, 337.518

48, 78.264,
349.481


89, 3.604, 156.965

48, 78.390,
350.370

94, 14.034,
156.222

97, 16.855,
161.554

97, 14.583,
173.974

 97, 13.167,
189.883

Harmonies

Complementary

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



62, 50.135, 341.079



79, 49.159, 152.622

Rectangle

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



62, 50.135, 341.079



62, 50.135, 31.079



62, 50.135, 161.079



62, 50.135, 211.079

Sweetspot

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



62, 50.132, 341.080



91, 17.306, 338.119



56, 58.696, 306.803



47, 11.966, 338.294



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, 50.132, 341.080



67, 67.260, 342.213



61, 42.051, 13.294



42, 6.067, 337.744



37, 65.868, 349.881



5, 25.313, 345.115

Inverse Universe

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



62, 50.132, 341.080



67, 67.260, 342.213



80, 33.225, 182.925



42, 6.067, 337.744



37, 65.868, 349.881



5, 25.313, 345.115

Previews

White Background



This preview shows how the CIELCh color 62, 50.135, 341.079 looks on a white background.

Color Contrast Check

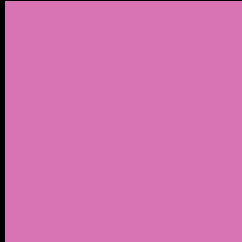
Large Text (above 18pt) WCAG AA × Fail

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, 50.135, 341.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

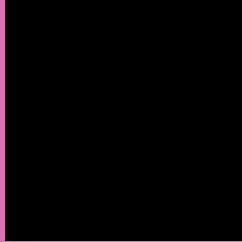
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 50.135, 341.079

Background



This preview shows how black text looks on a background with the CIELCh color 62, 50.135, 341.079.

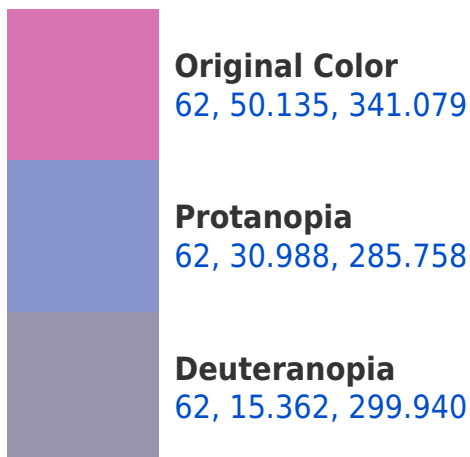


This preview shows how white text looks on a background with the CIELCh color 62, 50.135, 341.079.

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](#).

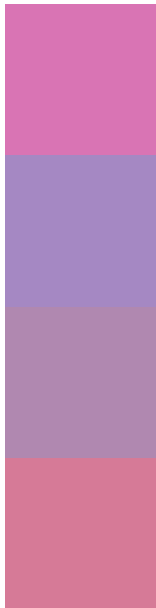
Dichromacy





Tritanopia
62, 36.079, 15.735

Trichromacy



Original Color
62, 50.135, 341.079

Protanomaly
61, 34.830, 310.253

Deuteranomaly
62, 26.895, 325.659

Tritanomaly
62, 39.177, 0.241

Monochromacy



Original Color
62, 50.135, 341.079

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 19.505, 337.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 50.135, 341.079 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(217, 116, 180)` looks like.

```
.text, #text, p{  
    color:rgb(217, 116, 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(217, 116, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 116, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 50.135, 341.079 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(217, 116, 180) }
```

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

```
.border{ border-color:rgb(217, 116, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 116, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 116, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 116, 180);  
box-shadow:4px 4px 4px 4px rgb(217, 116,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 50.135, 341.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 116, 180) }
```

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

```
.background{ background-color: rgb(217,  
116, 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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