

Converting Colors

CIELCh(62, 65.141, 330.988)

Have a look what the booklet for
CIELCh(62, 65.141, 330.988)
contains.

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Color

CIELCh(62, 65.536, 331.065)

Conversions

Conversions Part 1

Format	Color
Hex	DD6BCF
RGB	221, 107, 207
RGB Percent	87%, 42%, 81%
CMY	0.1332, 0.5803, 0.1881
CMYK	0.00, 0.52, 0.06, 0.13
HSL	307°, 63%, 64%
HSV	307°, 52%, 87%
XYZ	46.3519, 30.4025, 62.4721
YIQ	152.4860, 35.8440, 55.2680

Conversions

Conversions Part 2

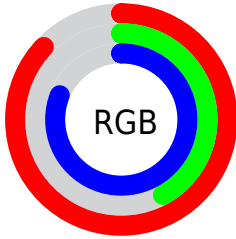
Format	Color
RYB	221, 107, 207
Decimal	14511055
CIELab	62.00, 57.36, -31.71
CIELCh	62, 65.536, 331.065
Yxy	30.4025, 0.3329, 0.2184
Android (android.graphics.Color)	4292701135 (0xFFDD6BCF)
YUV	152.4860, 26.8754, 60.0868
Hunter-Lab	55.1385, 53.5629, -28.5788

Details

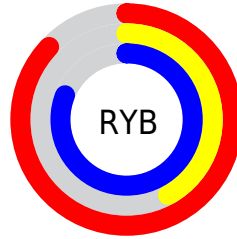
The CIELCh color $62, 65.536, 331.065$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80, 65.993, 143.457$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.941, 326.417$, and $42, 65.500, 331.049$ is the 20% darker color. If you saturate the color by 10%, you get $58, 75.808, 331.654$, and if you desaturate by 10%, it is $66, 53.848, 330.465$.

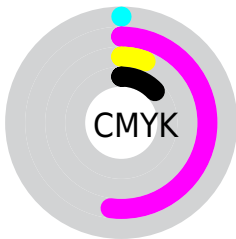
Distribution



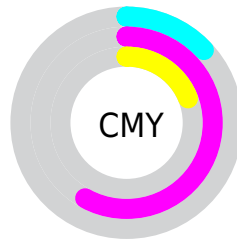
- Red (87%)
- Green (42%)
- Blue (81%)



- Red (87%)
- Yellow (42%)
- Blue (81%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 65.536, 331.065 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, 65.536, 331.065 by changing the saturation by 10% instead.


 62, 65.536,
331.065


 62, 65.536,
331.065


 100, 65.536,
331.065


 52, 65.536,
331.065


 82, 65.536,
331.065

 42, 65.536,
331.065

 92, 65.536,
331.065

 32, 65.536,
331.065

 22, 65.536,
331.065

 12, 65.536,
331.065

 2, 65.536, 331.065

 0, 65.536, 331.065

62, 65.536,
331.065

62, 65.536,
331.065

58, 75.808,
331.654

66, 53.848,
330.465

55, 84.110,
332.229

71, 41.280,
329.856

53, 89.965,
332.800

76, 28.260,
329.245

52, 93.147,
333.381

82, 15.109,
328.635

51, 94.112,
333.889

87, 2.049, 327.917

93, 10.778,
147.527

97, 19.169,
147.898

97, 18.091,
150.596

■ 97, 17.053,
153.617

Harmonies

Complementary

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



62, 65.536, 331.065



80, 65.993, 143.457

Rectangle

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



62, 65.536, 331.065



62, 65.536, 21.065



62, 65.536, 151.065



62, 65.536, 201.065

Sweetspot

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



62, 65.533, 331.065



91, 22.023, 328.852



52, 66.117, 300.736



47, 15.038, 328.981



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, 65.533, 331.065



66, 85.406, 331.707



60, 49.198, 357.022



43, 7.353, 328.503



40, 78.642, 333.785



7, 31.705, 332.651

Inverse Universe

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



62, 65.533, 331.065



66, 85.406, 331.707



81, 44.259, 164.746



43, 7.353, 328.503



40, 78.642, 333.785



7, 31.705, 332.651

Previews

White Background



This preview shows how the CIELCh color 62, 65.536, 331.065 looks on a white background.

Color Contrast Check

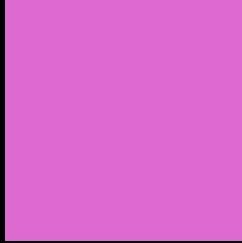
Large Text (above 18pt) WCAG AA × Fail

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, 65.536, 331.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

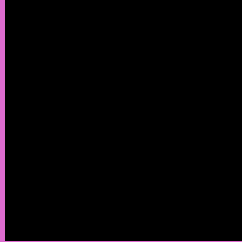
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 65.536, 331.065

Background



This preview shows how black text looks on a background with the CIELCh color 62, 65.536, 331.065.

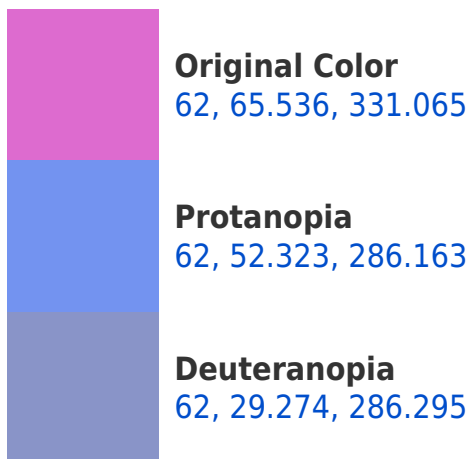


This preview shows how white text looks on a background with the CIELCh color 62, 65.536, 331.065.

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, 36.917, 15.197

Trichromacy



Original Color
62, 65.536, 331.065



Protanomaly
61, 54.590, 302.709



Deuteranomaly
61, 41.260, 310.766



Tritanomaly
62, 43.707, 352.190

Monochromacy



Original Color
62, 65.536, 331.065



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 25.986, 329.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 65.536, 331.065 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(221, 107, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 107, 207)  
}
```

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(221, 107, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 107, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 65.536, 331.065 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(221, 107, 207) }
```

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

```
.border{ border-color:rgb(221, 107, 207) }
```

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

Here you see how a box with a 4 pixel rgb(221, 107, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 107, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 107, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 107,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 65.536, 331.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 107, 207) }
```

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

```
.background{ background-color: rgb(221,  
107, 207) }
```

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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