

Converting Colors

CIELCh(66, 52.167, 332.221)

Have a look what the booklet for
CIELCh(66, 52.167, 332.221)
contains.

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Color

CIELCh(66, 52.072, 332.284)

Conversions

Conversions Part 1

Format	Color
Hex	DD81CD
RGB	221, 129, 205
RGB Percent	87%, 51%, 80%
CMY	0.1347, 0.4954, 0.1974
CMYK	0.00, 0.42, 0.07, 0.13
HSL	310°, 57%, 68%
HSV	310°, 42%, 87%
XYZ	48.4985, 35.3238, 61.8060
YIQ	165.1720, 30.4360, 43.1400

Conversions

Conversions Part 2

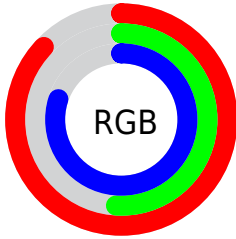
Format	Color
R _Y B	221, 129, 205
Decimal	14516685
CIE Lab	66.00, 46.10, -24.22
CIE LCh	66, 52.072, 332.284
Yxy	35.3238, 0.3330, 0.2426
Android (android.graphics.Color)	4292706765 (0xFFDD81CD)
YUV	165.1720, 19.6352, 48.9612
Hunter-Lab	59.4338, 41.6481, -20.0528

Details

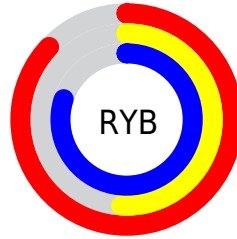
The CIELCh color $66, 52.072, 332.284$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $81, 52.034, 146.179$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 44.490, 325.965$, and $46, 52.459, 332.031$ is the 20% darker color. If you saturate the color by 10%, you get $62, 63.349, 332.962$, and if you desaturate by 10%, it is $71, 39.935, 331.619$.

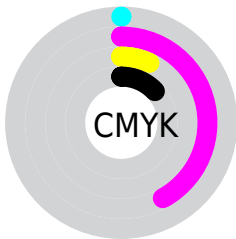
Distribution



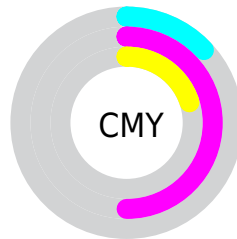
- Red (87%)
- Green (51%)
- Blue (80%)



- Red (87%)
- Yellow (51%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (50%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 52.072, 332.284 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 66, 52.072, 332.284 by changing the saturation by 10% instead.

 66, 52.072,
332.284


 66, 52.072,
332.284


 100, 52.072,
332.284


 56, 52.072,
332.284


 86, 52.072,
332.284

 46, 52.072,
332.284

 96, 52.072,
332.284

 36, 52.072,
332.284

 26, 52.072,
332.284

 16, 52.072,
332.284

 6, 52.072, 332.284

 0, 52.072, 332.284

66, 52.072,
332.284

66, 52.072,
332.284

62, 63.349,
332.962

71, 39.935,
331.619

58, 73.253,
333.655

76, 27.372,
330.966

55, 81.215,
334.373

81, 14.690,
330.323

52, 86.751,
335.133

87, 2.105, 329.579

51, 89.624,
335.964

93, 10.250,
149.177

50, 90.338,
336.722

97, 18.596,
149.792

97, 17.124,
153.976

97, 15.751,
158.894

97, 14.506,
164.679

Harmonies

Complementary

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



66, 52.072, 332.284



81, 52.034, 146.179

Rectangle

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



66, 52.072, 332.284



66, 52.072, 22.284



66, 52.072, 152.284



66, 52.072, 202.284

Sweetspot

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



66, 52.069, 332.284



92, 18.400, 330.414



59, 52.449, 300.752



48, 12.889, 330.557



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 52.069, 332.284



71, 69.132, 332.875



65, 39.155, 358.740



43, 7.094, 330.178



39, 75.629, 336.559



6, 30.579, 334.842

Inverse Universe

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



66, 52.069, 332.284



71, 69.132, 332.875



82, 35.089, 169.319



43, 7.094, 330.178



39, 75.629, 336.559



6, 30.579, 334.842

Previews

White Background



This preview shows how the CIELCh color 66, 52.072, 332.284 looks on a white background.

Color Contrast Check

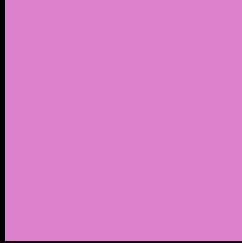
Large Text (above 18pt) WCAG AA × Fail

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 66, 52.072, 332.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

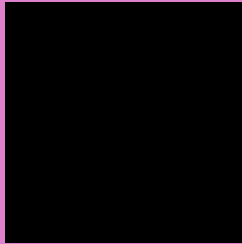
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 52.072, 332.284

Background



This preview shows how black text looks on a background with the CIELCh color 66, 52.072, 332.284.

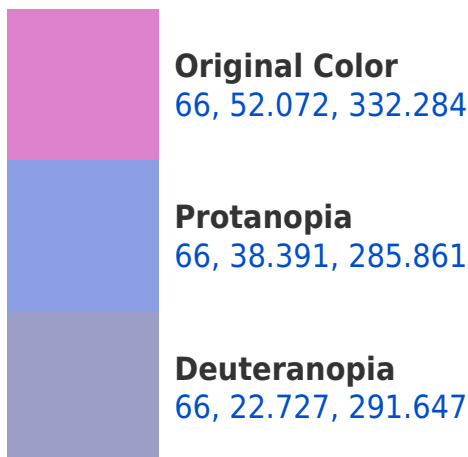


This preview shows how white text looks on a background with the CIELCh color 66, 52.072, 332.284.

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
66, 30.179, 11.193

Trichromacy



Original Color
66, 52.072, 332.284



Protanomaly
65, 40.827, 304.267



Deuteranomaly
66, 32.254, 314.019

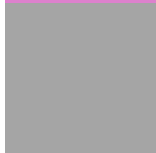


Tritanomaly
66, 35.748, 351.061

Monochromacy



Original Color
66, 52.072, 332.284



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 19.385, 330.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 52.072, 332.284 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, 129, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 129, 205)  
}
```

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, 129, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 129, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 52.072, 332.284 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, 129, 205) }
```

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

```
.border{ border-color:rgb(221, 129, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 129, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 129, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 129, 205); box-shadow:4px 4px 4px 4px rgb(221, 129, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 52.072, 332.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 129, 205) }
```

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

```
.background{ background-color: rgb(221,  
129, 205) }
```

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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