

Converting Colors

CIELCh(66, 60.530, 326.724)

Have a look what the booklet for
CIELCh(66, 60.530, 326.724)
contains.

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Color

CIELCh(66, 60.915, 326.745)

Conversions

Conversions Part 1

Format	Color
Hex	DD7DDD
RGB	221, 125, 221
RGB Percent	87%, 49%, 87%
CMY	0.1328, 0.5093, 0.1328
CMYK	0.00, 0.43, 0.00, 0.13
HSL	300°, 59%, 68%
HSV	300°, 43%, 87%
XYZ	50.2831, 35.3238, 72.6721
YIQ	164.6480, 26.4000, 50.2080

Conversions

Conversions Part 2

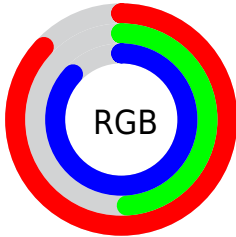
Format	Color
R _{YB}	221, 125, 221
Decimal	14515677
CIE Lab	66.00, 50.94, -33.40
CIE LCh	66, 60.915, 326.745
Yxy	35.3238, 0.3177, 0.2232
Android (android.graphics.Color)	4292705757 (0xFFDD7DDD)
YUV	164.6480, 27.7815, 49.4207
Hunter-Lab	59.4338, 47.0081, -30.8926

Details

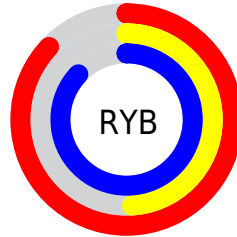
The CIELCh color $66, 60.915, 326.745$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $81, 61.096, 141.047$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 46.967, 326.049$, and $46, 61.003, 326.626$ is the 20% darker color. If you saturate the color by 10%, you get $62, 73.345, 327.192$, and if you desaturate by 10%, it is $71, 47.427, 326.248$.

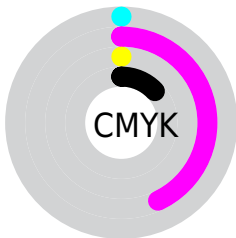
Distribution



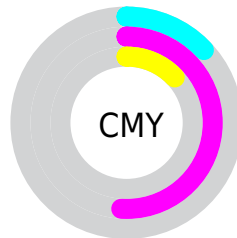
- Red (87%)
- Green (49%)
- Blue (87%)



- Red (87%)
- Yellow (49%)
- Blue (87%)



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (51%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 60.915, 326.745 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, 60.915, 326.745 by changing the saturation by 10% instead.


 66, 60.915,
326.745


 66, 60.915,
326.745


 100, 60.915,
326.745


 56, 60.915,
326.745


 86, 60.915,
326.745


 46, 60.915,
326.745


 96, 60.915,
326.745

 36, 60.915,
326.745

 26, 60.915,
326.745

 16, 60.915,
326.745

 6, 60.915, 326.745

 0, 60.915, 326.745

66, 60.915,
326.745

66, 60.915,
326.745

62, 73.345,
327.192

71, 47.427,
326.248

59, 84.180,
327.572

76, 33.359,
325.717

56, 92.881,
327.871

81, 19.072,
325.165

54, 99.044,
328.078

86, 4.828, 324.573

53, 102.554,
328.195


92, 9.197, 144.119

53, 103.774,
328.235

97, 21.165,
143.641

97, 21.164,
143.642

97, 21.163,
143.644

 97, 21.163,
143.645

Harmonies

Complementary

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



66, 60.915, 326.745



81, 61.096, 141.047

Rectangle

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



66, 60.915, 326.745



66, 60.915, 16.745



66, 60.915, 146.745



66, 60.915, 196.745

Sweetspot

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



66, 60.912, 326.745



92, 20.745, 325.148



56, 54.807, 296.204



48, 14.529, 325.272



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, 60.912, 326.745



71, 80.363, 327.150



64, 44.043, 348.097



43, 8.001, 324.940



41, 86.545, 328.235



7, 34.555, 328.175

Inverse Universe

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



66, 60.912, 326.745



71, 80.363, 327.150



81, 41.886, 159.250



43, 8.001, 324.940



41, 86.545, 328.235



7, 34.555, 328.175

Previews

White Background



This preview shows how the CIELCh color 66, 60.915, 326.745 looks on a white background.

Color Contrast Check

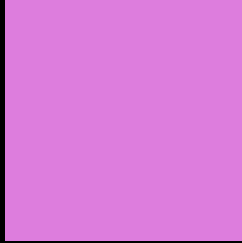
Large Text (above 18pt) WCAG AA × Fail

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 66, 60.915, 326.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

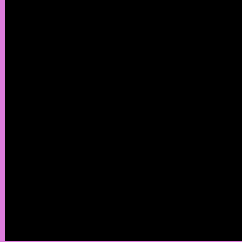
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 60.915, 326.745

Background



This preview shows how black text looks on a background with the CIELCh color 66, 60.915, 326.745.



This preview shows how white text looks on a background with the CIELCh color 66, 60.915, 326.745.

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, 28.915, 11.615

Trichromacy



Original Color
66, 60.915, 326.745



Protanomaly
65, 51.461, 300.623



Deuteranomaly
65, 40.625, 306.728



Tritanomaly
66, 37.554, 345.850

Monochromacy



Original Color
66, 60.915, 326.745



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 22.639, 325.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 60.915, 326.745 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, 125, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 125, 221)  
}
```

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, 125, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 125, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 60.915, 326.745 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, 125, 221) }
```

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

```
.border{ border-color:rgb(221, 125, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 125, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 125, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 125, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 125,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 60.915, 326.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 125, 221) }
```

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

```
.background{ background-color: rgb(221,  
125, 221) }
```

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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