

Converting Colors

CIELCh(66, 52.520, 325.818)

Have a look what the booklet for
CIELCh(66, 52.520, 325.818)
contains.

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Color

CIELCh(66, 52.421, 325.779)

Conversions

Conversions Part 1

Format	Color
Hex	D484D6
RGB	212, 132, 214
RGB Percent	83%, 52%, 84%
CMY	0.1689, 0.4826, 0.1610
CMYK	0.01, 0.38, 0.00, 0.16
HSL	299°, 50%, 68%
HSV	299°, 38%, 84%
XYZ	47.5032, 35.3238, 67.8879
YIQ	165.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

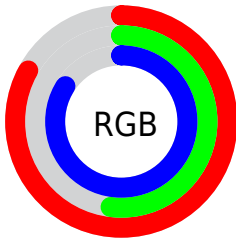
Format	Color
R _Y B	212, 132, 214
Decimal	13927638
CIE Lab	66.00, 43.35, -29.48
CIE LCh	66, 52.421, 325.779
Yxy	35.3238, 0.3152, 0.2344
Android (android.graphics.Color)	4292117718 (0xFFD484D6)
YUV	165.2680, 24.0249, 40.9840
Hunter-Lab	59.4338, 38.6591, -26.1199

Details

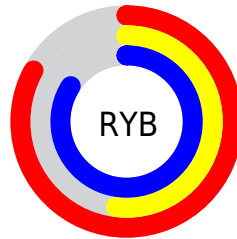
The CIELCh color $66, 52.421, 325.779$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $79, 52.412, 141.029$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 42.626, 325.902$, and $46, 52.408, 325.840$ is the 20% darker color. If you saturate the color by 10%, you get $62, 65.112, 326.235$, and if you desaturate by 10%, it is $71, 38.991, 325.280$.

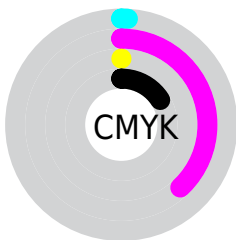
Distribution



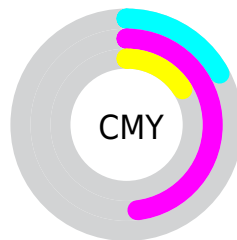
- Red (83%)
- Green (52%)
- Blue (84%)



- Red (83%)
- Yellow (52%)
- Blue (84%)



- Cyan (1%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)





- Cyan (17%)
- Magenta (48%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 52.421, 325.779 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, 52.421, 325.779 by changing the saturation by 10% instead.


 66, 52.421,
325.779


 66, 52.421,
325.779


 100, 52.421,
325.779


 56, 52.421,
325.779


 86, 52.421,
325.779

 46, 52.421,
325.779

 96, 52.421,
325.779

 36, 52.421,
325.779

 26, 52.421,
325.779

 16, 52.421,
325.779

 6, 52.421, 325.779

 0, 52.421, 325.779

66, 52.421,
325.779

66, 52.421,
325.779

62, 65.112,
326.235

71, 38.991,
325.280

58, 76.580,
326.628

76, 25.224,
324.755

55, 86.279,
326.939

81, 11.406,
324.210

52, 93.714,
327.152

87, 2.263, 143.823

51, 98.579,
327.258

92, 15.656,
143.206


50, 101.022,
327.264

96, 25.475,
142.742

50, 101.337,
327.261

96, 25.370,
142.416

96, 25.265,
142.086

 96, 25.160,
141.753

Harmonies

Complementary

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



66, 52.421, 325.779



79, 52.412, 141.029

Rectangle

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



66, 52.421, 325.779



66, 52.421, 15.779



66, 52.421, 145.779



66, 52.421, 195.779

Sweetspot

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



66, 52.419, 325.779



93, 17.405, 324.364



59, 44.905, 294.004



49, 11.703, 324.439



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, 52.419, 325.779



74, 71.722, 326.154



65, 38.699, 345.510



42, 7.788, 324.271



40, 85.699, 327.276



6, 32.809, 327.187

Inverse Universe

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



64, 34.061, 21.239



70, 48.308, 22.672



80, 37.260, 158.218



42, 4.549, 17.953



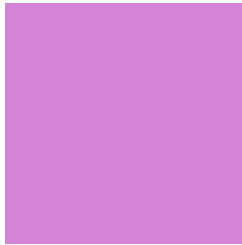
35, 76.315, 38.902



5, 21.981, 18.679

Previews

White Background



This preview shows how the CIELCh color 66, 52.421, 325.779 looks on a white background.

Color Contrast Check

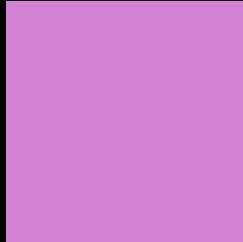
Large Text (above 18pt) WCAG AA × Fail

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, 52.421, 325.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

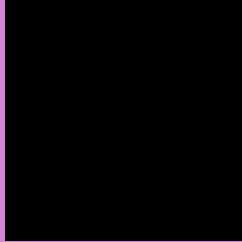
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 52.421, 325.779

Background



This preview shows how black text looks on a background with the CIELCh color 66, 52.421, 325.779.

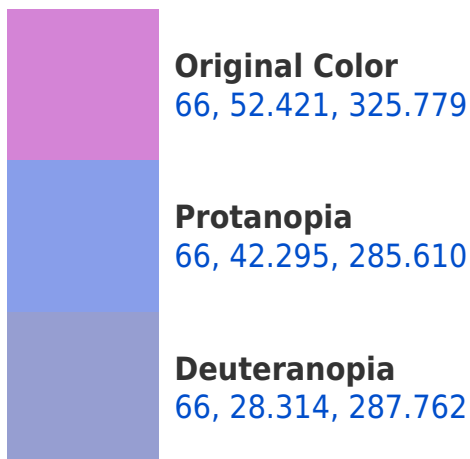


This preview shows how white text looks on a background with the CIELCh color 66, 52.421, 325.779.

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, 24.505, 7.756

Trichromacy



Original Color
66, 52.421, 325.779



Protanomaly
66, 43.695, 300.704



Deuteranomaly
66, 35.514, 306.725



Tritanomaly
66, 31.935, 344.610

Monochromacy



Original Color
66, 52.421, 325.779



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 19.807, 324.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 52.421, 325.779 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(212, 132, 214)` looks like.

```
.text, #text, p{  
    color:rgb(212, 132, 214)  
}
```

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(212, 132, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 132, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 52.421, 325.779 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(212, 132, 214) }
```

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

```
.border{ border-color:rgb(212, 132, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 132, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 132, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 132, 214);  
box-shadow:4px 4px 4px 4px rgb(212, 132,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 52.421, 325.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 132, 214) }
```

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

```
.background{ background-color: rgb(212,  
132, 214) }
```

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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