

Converting Colors

CIELCh(66, 46.451, 331.031)

Have a look what the booklet for
CIELCh(66, 46.451, 331.031)
contains.

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Color

CIELCh(66, 45.945, 331.187)

Conversions

Conversions Part 1

Format	Color
Hex	D586C9
RGB	213, 134, 201
RGB Percent	84%, 53%, 79%
CMY	0.1655, 0.4752, 0.2125
CMYK	0.00, 0.37, 0.06, 0.17
HSL	309°, 48%, 68%
HSV	309°, 37%, 83%
XYZ	46.4025, 35.3238, 59.5119
YIQ	165.2590, 25.5770, 37.5850

Conversions

Conversions Part 2

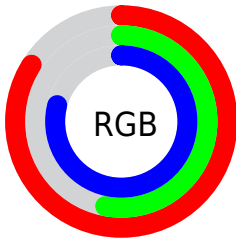
Format	Color
R _Y B	213, 134, 201
Decimal	13993673
CIE _{Lab}	66.00, 40.26, -22.14
CIE _{LCh}	66, 45.945, 331.187
Yxy	35.3238, 0.3285, 0.2501
Android (android.graphics.Color)	4292183753 (0xFFD586C9)
YUV	165.2590, 17.6203, 41.8689
Hunter-Lab	59.4338, 35.3534, -17.7642

Details

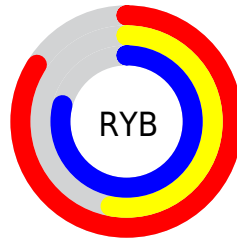
The CIELCh color `66, 45.945, 331.187` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `79, 45.889, 145.984`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 41.380, 325.860`, and `46, 46.119, 331.139` is the 20% darker color. If you saturate the color by 10%, you get `62, 57.502, 331.828`, and if you desaturate by 10%, it is `71, 33.747, 330.551`.

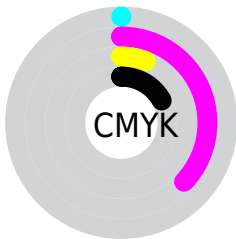
Distribution



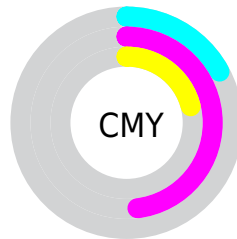
- Red (84%)
- Green (53%)
- Blue (79%)



- Red (84%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (17%)





- Cyan (17%)
- Magenta (48%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 45.945, 331.187 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, 45.945, 331.187 by changing the saturation by 10% instead.


 66, 45.945,
331.187


 66, 45.945,
331.187


 100, 45.945,
331.187


 56, 45.945,
331.187


 86, 45.945,
331.187

 46, 45.945,
331.187

 96, 45.945,
331.187

 36, 45.945,
331.187

 26, 45.945,
331.187

 16, 45.945,
331.187

 6, 45.945, 331.187

 0, 45.945, 331.187

66, 45.945,
331.187

66, 45.945,
331.187

62, 57.502,
331.828

71, 33.747,
330.551

58, 67.959,
332.471

76, 21.279,
329.922

54, 76.776,
333.118

81, 8.799, 329.292

52, 83.432,
333.780

87, 3.523, 148.825

50, 87.568,
334.473

92, 15.579,
148.189


49, 89.195,
335.222

96, 23.365,
148.563

49, 89.439,
335.445

96, 22.090,
151.235

96, 20.863,
154.215

 97, 19.691,
157.544

Harmonies

Complementary

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



66, 45.945, 331.187



79, 45.889, 145.984

Rectangle

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



66, 45.945, 331.187



66, 45.945, 21.187



66, 45.945, 151.187



66, 45.945, 201.187

Sweetspot

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



66, 45.942, 331.187



93, 15.794, 329.546



60, 44.923, 299.658



49, 10.620, 329.632



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, 45.942, 331.187



74, 63.798, 331.722



65, 33.997, 356.833



42, 7.066, 329.440



39, 76.074, 335.318



6, 29.476, 333.699

Inverse Universe

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



66, 45.942, 331.187



74, 63.798, 331.722



80, 31.042, 168.794



42, 7.066, 329.440



39, 76.074, 335.318



6, 29.476, 333.699

Previews

White Background



This preview shows how the CIELCh color 66, 45.945, 331.187 looks on a white background.

Color Contrast Check

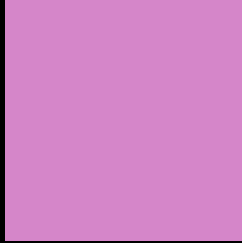
Large Text (above 18pt) WCAG AA × Fail

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, 45.945, 331.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

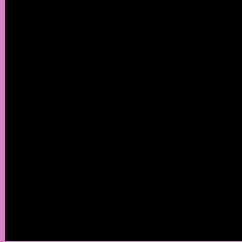
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 45.945, 331.187

Background



This preview shows how black text looks on a background with the CIELCh color 66, 45.945, 331.187.

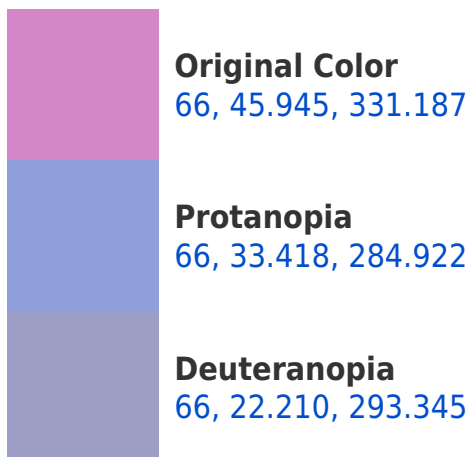


This preview shows how white text looks on a background with the CIELCh color 66, 45.945, 331.187.

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, 26.108, 8.850

Trichromacy



Original Color
66, 45.945, 331.187



Protanomaly
66, 35.103, 303.455



Deuteranomaly
66, 29.180, 313.290

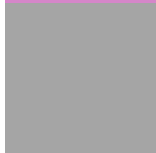


Tritanomaly
66, 31.192, 349.797

Monochromacy



Original Color
66, 45.945, 331.187



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 16.938, 329.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 45.945, 331.187 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(213, 134, 201)` looks like.

```
.text, #text, p{  
    color:rgb(213, 134, 201)  
}
```

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(213, 134, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 134, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 45.945, 331.187 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(213, 134, 201) }
```

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

```
.border{ border-color:rgb(213, 134, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 134, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 134, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 134, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 134,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 45.945, 331.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 134, 201) }
```

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

```
.background{ background-color: rgb(213,  
134, 201) }
```

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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