

Converting Colors

CIELCh(45, 74.930, 350.366)

Have a look what the booklet for
CIELCh(45, 74.930, 350.366)
contains.

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Color

CIELCh(45, 74.889, 350.686)

Conversions

Conversions Part 1

Format	Color
Hex	CD0181
RGB	205, 1, 129
RGB Percent	80%, 0%, 51%
CMY	0.1972, 0.9956, 0.4950
CMYK	0.00, 0.99, 0.37, 0.20
HSL	322°, 99%, 40%
HSV	322°, 99%, 80%
XYZ	29.0584, 14.5417, 21.9626
YIQ	76.5880, 80.4960, 83.0560

Conversions

Conversions Part 2

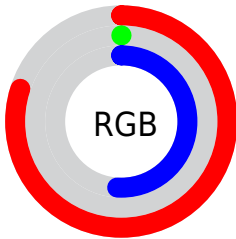
Format	Color
R_{YB}	205, 1, 129
Decimal	13435265
CIE _{Lab}	45.00, 73.90, -12.12
CIE _{LCh}	45, 74.889, 350.686
Yxy	14.5417, 0.4432, 0.2218
Android (android.graphics.Color)	4291625345 (0xFFCD0181)
YUV	76.5880, 25.8391, 112.6173
Hunter-Lab	38.1336, 69.2859, -7.4539

Details

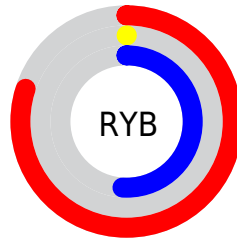
The CIELCh color **45, 74.889, 350.686** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **72, 84.999, 143.563**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 72.615, 347.847**, and **31, 56.498, 356.407** is the 20% darker color. If you saturate the color by 10%, you get **45, 74.915, 350.832**, and if you desaturate by 10%, it is **46, 74.105, 348.136**.

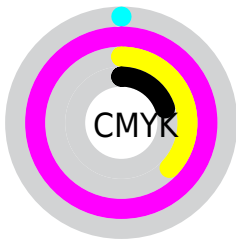
Distribution



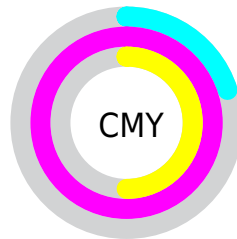
- Red (80%)
- Green (0%)
- Blue (51%)



- Red (80%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (99%)
- Yellow (37%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 74.889, 350.686 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 45, 74.889, 350.686 by changing the saturation by 10% instead.

 45, 74.889,
350.686


 45, 74.889,
350.686


 100, 74.889,
350.686


 35, 74.889,
350.686

 65, 74.889,
350.686

 25, 74.889,
350.686

 75, 74.889,
350.686

 15, 74.889,
350.686

 85, 74.889,
350.686

 5, 74.889, 350.686

 95, 74.889,
350.686

 0, 74.889, 350.686

 45, 74.889,

 45, 74.889,

350.686

■ 45, 74.915,
350.832

350.686

■ 46, 74.105,
348.136

■ 48, 71.282,
346.039

■ 50, 66.144,
344.338

■ 54, 59.002,
342.927

■ 58, 50.351,
341.724

■ 62, 40.706,
340.669

■ 67, 30.508,
339.724

■ 72, 20.092,
338.861

Harmonies

Complementary

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



45, 74.889, 350.686



72, 84.999, 143.563

Rectangle

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



45, 74.889, 350.686



45, 74.889, 40.686



45, 74.889, 170.686



45, 74.889, 220.686

Sweetspot

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



45, 74.885, 350.687



81, 37.139, 339.809



29, 108.532, 309.241



41, 25.312, 340.204



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



45, 74.885, 350.687



56, 88.191, 351.234



43, 82.297, 34.117



40, 5.799, 338.049



36, 64.213, 350.369



4, 21.511, 345.389

Inverse Universe

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



45, 74.885, 350.687



56, 88.191, 351.234



74, 48.472, 178.133



40, 5.799, 338.049



36, 64.213, 350.369



4, 21.511, 345.389

Previews

White Background



This preview shows how the CIELCh color 45, 74.889, 350.686 looks on a white background.

Color Contrast Check

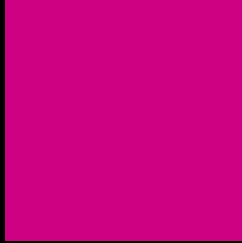
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 45, 74.889, 350.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 74.889, 350.686

Background



This preview shows how black text looks on a background with the CIELCh color 45, 74.889, 350.686.

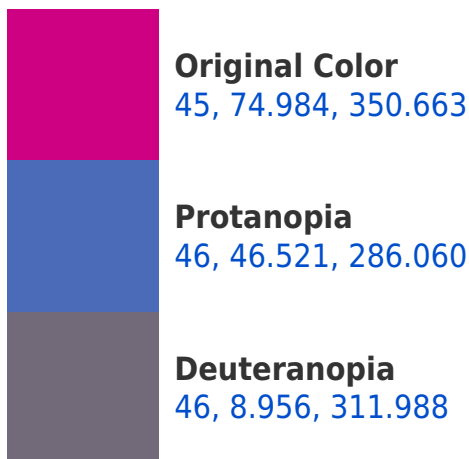


This preview shows how white text looks on a background with the CIELCh color 45, 74.889, 350.686.

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
46, 67.705, 31.061

Trichromacy



Original Color
45, 74.984, 350.663



Protanomaly
39, 59.694, 313.841



Deuteranomaly
41, 43.369, 338.590



Tritanomaly
45, 67.232, 14.522

Monochromacy



Original Color
45, 74.984, 350.663



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 39.806, 342.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 74.889, 350.686 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(205, 1, 129)` looks like.

```
.text, #text, p{  
    color:rgb(205, 1, 129)  
}
```

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(205, 1, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 1, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 74.889, 350.686 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(205, 1, 129) }
```

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

```
.border{ border-color:rgb(205, 1, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 1, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 1, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 1, 129);  
box-shadow:4px 4px 4px 4px rgb(205, 1,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 74.889, 350.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 1, 129) }
```

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

```
.background{ background-color: rgb(205, 1,  
129) }
```

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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