

Converting Colors

CIELCh(50, 85.490, 341.300)

Have a look what the booklet for
CIELCh(50, 85.490, 341.300)
contains.

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Color

CIELCh(50, 85.410, 341.463)

Conversions

Conversions Part 1

Format	Color
Hex	DE06A7
RGB	222, 6, 167
RGB Percent	87%, 2%, 65%
CMY	0.1299, 0.9780, 0.3455
CMYK	0.00, 0.97, 0.25, 0.13
HSL	315°, 95%, 45%
HSV	315°, 97%, 87%
XYZ	37.1153, 18.4187, 38.1094
YIQ	88.9380, 77.0550, 95.8630

Conversions

Conversions Part 2

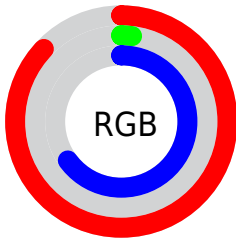
Format	Color
R_{YB}	222, 6, 167
Decimal	14550695
CIE _{Lab}	50.00, 80.98, -27.15
CIE _{LCh}	50, 85.410, 341.463
Yxy	18.4187, 0.3963, 0.1967
Android (android.graphics.Color)	4292740775 (0xFFDE06A7)
YUV	88.9380, 38.4846, 116.6954
Hunter-Lab	42.9170, 79.2653, -22.6065

Details

The CIELCh color **50, 85.410, 341.463** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **78, 97.638, 140.035**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 81.041, 335.165**, and **36, 66.288, 343.956** is the 20% darker color. If you saturate the color by 10%, you get **50, 85.497, 341.852**, and if you desaturate by 10%, it is **51, 84.306, 340.013**.

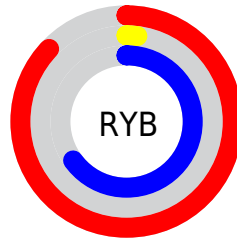
Distribution



Red (87%)

Green (2%)

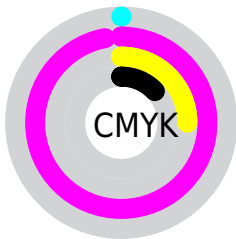
Blue (65%)



Red (87%)

Yellow (2%)

Blue (65%)

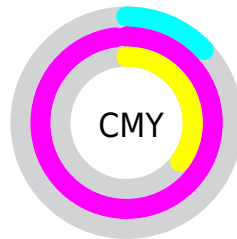


Cyan (0%)

Magenta (97%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (98%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 85.410, 341.463 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 50, 85.410, 341.463 by changing the saturation by 10% instead.

 50, 85.410,
341.463


 50, 85.410,
341.463


 100, 85.410,
341.463


 40, 85.410,
341.463

 70, 85.410,
341.463

 30, 85.410,
341.463

 80, 85.410,
341.463

 20, 85.410,
341.463

 90, 85.410,
341.463

 10, 85.410,
341.463

 0, 85.410, 341.463

 50, 85.410,
341.463

 50, 85.410,
341.463

50, 85.497,
341.852

51, 84.306,
340.013

53, 80.651,
338.785

56, 74.417,
337.726

59, 65.986,
336.785

63, 55.906,
335.925

68, 44.735,
335.124

73, 32.952,
334.368

79, 20.919,
333.647

84, 8.891, 332.946

Harmonies

Complementary

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



50, 85.410, 341.463



78, 97.638, 140.035

Rectangle

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



50, 85.410, 341.463



50, 85.410, 31.463



50, 85.410, 161.463



50, 85.410, 211.463

Sweetspot

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



50, 85.407, 341.463



82, 38.926, 334.498



30, 116.707, 307.640



41, 26.667, 334.821



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 85.407, 341.463



57, 94.839, 341.989



47, 80.264, 24.869



44, 6.828, 333.086



39, 72.093, 341.585



7, 30.263, 338.910

Inverse Universe

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



50, 85.407, 341.463



57, 94.839, 341.989



79, 59.265, 166.318



44, 6.828, 333.086



39, 72.093, 341.585



7, 30.263, 338.910

Previews

White Background



This preview shows how the CIELCh color 50, 85.410, 341.463 looks on a white background.

Color Contrast Check

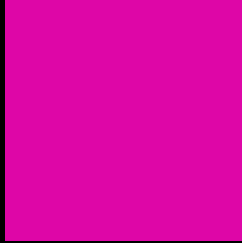
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 50, 85.410, 341.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

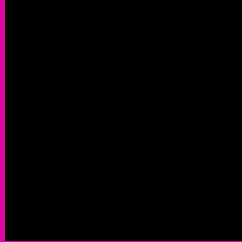
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 85.410, 341.463

Background



This preview shows how black text looks on a background with the CIELCh color 50, 85.410, 341.463.

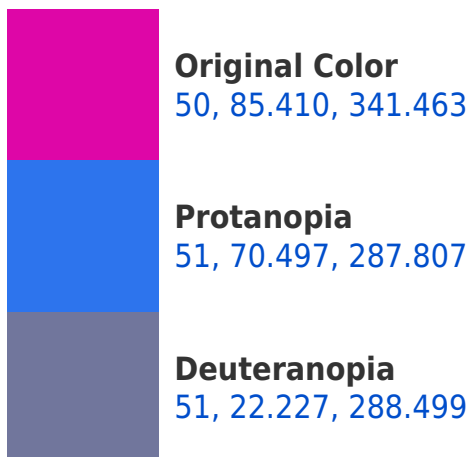


This preview shows how white text looks on a background with the CIELCh color 50, 85.410, 341.463.

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
50, 65.936, 28.884

Trichromacy



Original Color
50, 85.410, 341.463



Protanomaly
43, 80.518, 305.516



Deuteranomaly
45, 54.324, 324.517



Tritanomaly
49, 68.552, 7.189

Monochromacy



Original Color
50, 85.410, 341.463



Achromatopsia
38, 0.005, 296.813



Achromatomaly
37, 44.407, 336.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 85.410, 341.463 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(222, 6, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 6, 167)  
}
```

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(222, 6, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 6, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 85.410, 341.463 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(222, 6, 167) }
```

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

```
.border{ border-color:rgb(222, 6, 167) }
```

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

Here you see how a box with a 4 pixel rgb(222, 6, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 6, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 6, 167);  
box-shadow:4px 4px 4px 4px rgb(222, 6,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 85.410, 341.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 6, 167) }
```

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

```
.background{ background-color: rgb(222, 6,  
167) }
```

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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