

Converting Colors

CIELCh(66, 36.232, 349.476)

Have a look what the booklet for
CIELCh(66, 36.232, 349.476)
contains.

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Color

CIELCh(66, 36.220, 349.510)

Conversions

Conversions Part 1

Format	Color
Hex	D888AD
RGB	216, 136, 173
RGB Percent	85%, 53%, 68%
CMY	0.1521, 0.4658, 0.3208
CMYK	0.00, 0.37, 0.20, 0.15
HSL	332°, 51%, 69%
HSV	332°, 37%, 85%
XYZ	44.7804, 35.3238, 44.0985
YIQ	164.1380, 35.8030, 28.4670

Conversions

Conversions Part 2

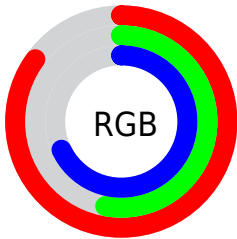
Format	Color
R _{YB}	216, 136, 173
Decimal	14190765
CIE Lab	66.00, 35.61, -6.59
CIE LCh	66, 36.220, 349.510
Yxy	35.3238, 0.3605, 0.2844
Android (android.graphics.Color)	4292380845 (0xFFD888AD)
YUV	164.1380, 4.3690, 45.4830
Hunter-Lab	59.4338, 30.4815, -2.3880

Details

The CIELCh color **66, 36.220, 349.510** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81, 34.308, 162.063**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 30.667, 341.469**, and **46, 36.665, 349.323** is the 20% darker color. If you saturate the color by 10%, you get **61, 45.771, 350.928**, and if you desaturate by 10%, it is **71, 26.345, 348.299**.

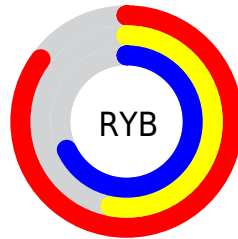
Distribution



Red (85%)

Green (53%)

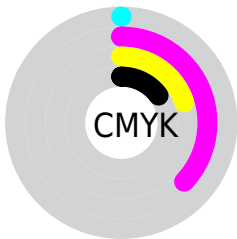
Blue (68%)



Red (85%)

Yellow (53%)

Blue (68%)

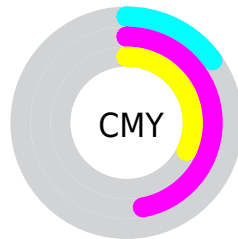


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 36.220, 349.510 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, 36.220, 349.510 by changing the saturation by 10% instead.


 66, 36.220,
349.510


 66, 36.220,
349.510


 100, 36.220,
349.510


 56, 36.220,
349.510


 86, 36.220,
349.510

 46, 36.220,
349.510

 96, 36.220,
349.510

 36, 36.220,
349.510

 26, 36.220,
349.510

 16, 36.220,
349.510

 6, 36.220, 349.510

 0, 36.220, 349.510

66, 36.220,
349.510

66, 36.220,
349.510

61, 45.771,
350.928

71, 26.345,
348.299

57, 54.610,
352.625

77, 16.441,
347.234

53, 62.245,
354.710

82, 6.688, 346.260

50, 68.183,
357.328

88, 2.805, 165.645

48, 72.097, 0.650

94, 11.983,
164.761

47, 74.074, 4.814

97, 14.768,
173.818

46, 74.541, 6.147

97, 13.038,
197.677

97, 13.021,
198.636

Harmonies

Complementary

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



66, 36.220, 349.510



81, 34.308, 162.063

Rectangle

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



66, 36.220, 349.510



66, 36.220, 39.510



66, 36.220, 169.510



66, 36.220, 219.510

Sweetspot

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



66, 36.217, 349.511



93, 12.071, 346.655



64, 46.942, 311.989



49, 8.125, 346.787



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, 36.217, 349.511



73, 49.092, 350.537



66, 32.240, 25.221



42, 5.395, 346.493



36, 62.555, 5.310



5, 23.181, 356.756

Inverse Universe

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



66, 36.217, 349.511



73, 49.092, 350.537



81, 24.728, 201.010



42, 5.395, 346.493



36, 62.555, 5.310



5, 23.181, 356.756

Previews

White Background



This preview shows how the CIELCh color 66, 36.220, 349.510 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, 36.220, 349.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

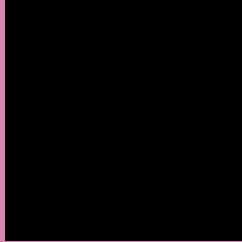
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 36.220, 349.510

Background



This preview shows how black text looks on a background with the CIELCh color 66, 36.220, 349.510.



This preview shows how white text looks on a background with the CIELCh color 66, 36.220, 349.510.

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



Original Color

66, 36.220, 349.510

Protanopia

66, 16.111, 286.849

Deuteranopia

66, 9.872, 328.554



Tritanopia
66, 30.179, 11.193

Trichromacy



Original Color
66, 36.220, 349.510

Protanomaly
66, 20.237, 319.950

Deuteranomaly
66, 19.174, 342.030

Tritanomaly
66, 31.645, 2.728

Monochromacy



Original Color
66, 36.220, 349.510

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 13.241, 347.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 36.220, 349.510 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(216, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 136, 173)  
}
```

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(216, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 136, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 36.220, 349.510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

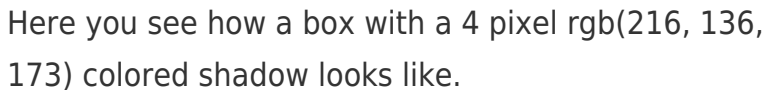
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 136, 173) }
```

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

```
.border{ border-color:rgb(216, 136, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 136, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 136, 173); box-shadow:4px 4px 4px 4px rgb(216, 136, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 36.220, 349.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 136, 173) }
```

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

```
.background{ background-color: rgb(216,  
136, 173) }
```

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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