

Converting Colors

CIELCh(66, 39.210, 352.736)

Have a look what the booklet for
CIELCh(66, 39.210, 352.736)
contains.

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Color

CIELCh(66, 39.143, 352.895)

Conversions

Conversions Part 1

Format	Color
Hex	DE85AA
RGB	222, 133, 170
RGB Percent	87%, 52%, 67%
CMY	0.1284, 0.4775, 0.3324
CMYK	0.00, 0.40, 0.23, 0.13
HSL	335°, 58%, 70%
HSV	335°, 40%, 87%
XYZ	45.9042, 35.3238, 42.5498
YIQ	163.8290, 41.1670, 30.3750

Conversions

Conversions Part 2

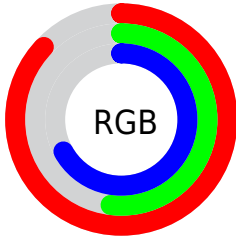
Format	Color
R _Y B	222, 133, 170
Decimal	14583210
CIE Lab	66.00, 38.84, -4.84
CIE LCh	66, 39.143, 352.895
Yxy	35.3238, 0.3709, 0.2854
Android (android.graphics.Color)	4292773290 (0xFFDE85AA)
YUV	163.8290, 3.0423, 51.0160
Hunter-Lab	59.4338, 33.8567, -0.8432

Details

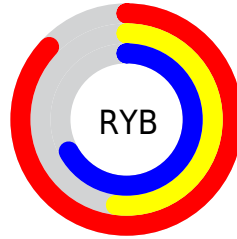
The CIELCh color $66, 39.143, 352.895$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $82, 36.376, 164.342$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 30.959, 343.212$, and $46, 39.244, 352.827$ is the 20% darker color. If you saturate the color by 10%, you get $61, 48.635, 354.517$, and if you desaturate by 10%, it is $71, 29.273, 351.536$.

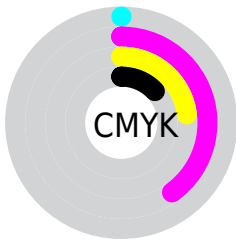
Distribution



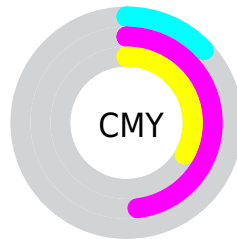
- Red (87%)
- Green (52%)
- Blue (67%)



- Red (87%)
- Yellow (52%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (48%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 39.143, 352.895 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, 39.143, 352.895 by changing the saturation by 10% instead.


 66, 39.143,
352.895


 66, 39.143,
352.895


 100, 39.143,
352.895


 56, 39.143,
352.895


 86, 39.143,
352.895

 46, 39.143,
352.895

 96, 39.143,
352.895

 36, 39.143,
352.895

 26, 39.143,
352.895

 16, 39.143,
352.895

 6, 39.143, 352.895

 0, 39.143, 352.895

66, 39.143,
352.895

66, 39.143,
352.895

61, 48.635,
354.517

71, 29.273,
351.536

57, 57.333,
356.495

77, 19.346,
350.364

53, 64.738,
358.966

83, 9.566, 349.322

50, 70.399, 2.099

89, 0.054, 339.695

48, 74.115, 6.070

95, 9.129, 167.711

47, 76.341, 10.836

98, 11.797,
181.488

98, 11.067,
198.767

Harmonies

Complementary

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



66, 39.143, 352.895



82, 36.376, 164.342

Rectangle

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



66, 39.143, 352.895



66, 39.143, 42.895



66, 39.143, 172.895



66, 39.143, 222.895

Sweetspot

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



66, 39.140, 352.897



92, 12.807, 349.528



64, 52.428, 313.746



48, 8.511, 349.662



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, 39.140, 352.897



70, 52.231, 354.223



67, 34.621, 29.382



44, 5.442, 349.262



37, 64.039, 9.952



6, 25.773, 0.709

Inverse Universe

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



66, 39.140, 352.897



70, 52.231, 354.223



81, 25.715, 206.576



44, 5.442, 349.262



37, 64.039, 9.952



6, 25.773, 0.709

Previews

White Background



This preview shows how the CIELCh color 66, 39.143, 352.895 looks on a white background.

Color Contrast Check

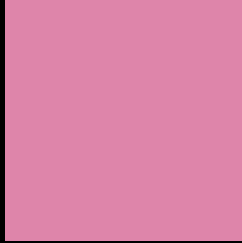
Large Text (above 18pt) WCAG AA × Fail

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, 39.143, 352.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

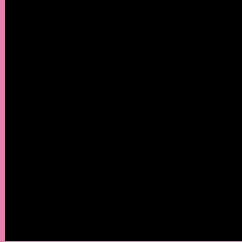
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 39.143, 352.895

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.143, 352.895.



This preview shows how white text looks on a background with the CIELCh color 66, 39.143, 352.895.

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](#).

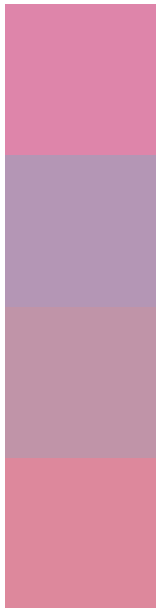
Dichromacy





Tritanopia
66, 33.898, 12.953

Trichromacy



Original Color
66, 39.143, 352.895

Protanomaly
66, 20.520, 324.460

Deuteranomaly
66, 20.138, 348.294

Tritanomaly
66, 35.121, 5.308

Monochromacy



Original Color
66, 39.143, 352.895

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 14.246, 350.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.143, 352.895 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, 133, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 133, 170)  
}
```

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, 133, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 133, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.143, 352.895 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, 133, 170) }
```

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

```
.border{ border-color:rgb(222, 133, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 133, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 133, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 133, 170); box-shadow:4px 4px 4px 4px rgb(222, 133, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.143, 352.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 133, 170) }
```

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

```
.background{ background-color: rgb(222,  
133, 170) }
```

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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