

Converting Colors

CIELCh(66, 35.949, 3.537)

Have a look what the booklet for
CIELCh(66, 35.949, 3.537) contains.

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Color

CIELCh(66, 36.185, 3.285)

Conversions

Conversions Part 1

Format	Color
Hex	DE879E
RGB	222, 135, 158
RGB Percent	87%, 53%, 62%
CMY	0.1294, 0.4706, 0.3804
CMYK	0.00, 0.39, 0.29, 0.13
HSL	344°, 57%, 70%
HSV	344°, 39%, 87%
XYZ	44.9570, 35.3238, 36.7941
YIQ	163.6350, 44.4690, 25.5970

Conversions

Conversions Part 2

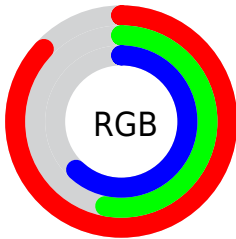
Format	Color
R_{YB}	222, 135, 158
Decimal	14583710
CIE _{Lab}	66.00, 36.13, 2.07
CIE _{LCh}	66, 36.185, 3.285
Yxy	35.3238, 0.3840, 0.3017
Android (android.graphics.Color)	4292773790 (0xFFDE879E)
YUV	163.6350, -2.7781, 51.1861
Hunter-Lab	59.4338, 31.0120, 4.8987

Details

The CIELCh color $66, 36.185, 3.285$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $83, 31.624, 174.497$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.354, 354.404$, and $46, 36.466, 2.985$ is the 20% darker color. If you saturate the color by 10%, you get $61, 45.701, 5.196$, and if you desaturate by 10%, it is $71, 26.585, 1.728$.

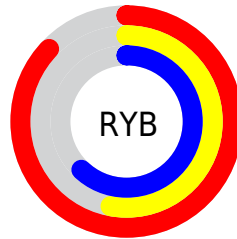
Distribution



Red (87%)

Green (53%)

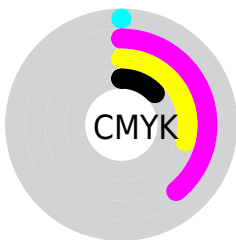
Blue (62%)



Red (87%)

Yellow (53%)

Blue (62%)

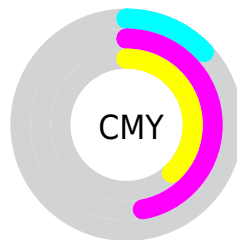


Cyan (0%)

Magenta (39%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 36.185, 3.285 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, 36.185, 3.285 by changing the saturation by 10% instead.

 66, 36.185, 3.285  66, 36.185, 3.285

 100, 36.185, 3.285  56, 36.185, 3.285

 86, 36.185, 3.285  46, 36.185, 3.285


 96, 36.185, 3.285  36, 36.185, 3.285



 26, 36.185, 3.285

 16, 36.185, 3.285

 6, 36.185, 3.285

 0, 36.185, 3.285

 66, 36.185, 3.285  66, 36.185, 3.285

 61, 45.701, 5.196  71, 26.585, 1.728

■ 57, 54.793, 7.581

■ 77, 17.155, 0.425

■ 53, 63.045, 10.599

■ 83, 8.038, 359.292

■ 50, 70.089, 14.417

■ 89, 0.689, 179.179

■ 48, 75.782, 19.140

■ 95, 9.000, 177.639

■ 47, 80.466, 24.577

■ 98, 11.155,
198.761

■ 47, 80.857, 25.008

Harmonies

Complementary

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



66, 36.185, 3.285



83, 31.624, 174.497

Rectangle

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



66, 36.185, 3.285



66, 36.185, 53.285



66, 36.185, 183.285



66, 36.185, 233.285

Sweetspot

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



66, 36.182, 3.287



92, 11.825, 359.610



66, 52.493, 318.457



48, 7.866, 359.756



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, 36.182, 3.287



70, 48.841, 4.817



70, 30.466, 42.627



44, 5.015, 359.321



37, 67.532, 24.034



6, 25.309, 9.539

Inverse Universe

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



66, 36.182, 3.287



70, 48.841, 4.817



78, 23.142, 226.369



44, 5.015, 359.321



37, 67.532, 24.034



6, 25.309, 9.539

Previews

White Background



This preview shows how the CIELCh color 66, 36.185, 3.285 looks on a white background.

Color Contrast Check

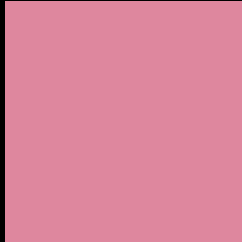
Large Text (above 18pt) WCAG AA × Fail

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, 36.185, 3.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

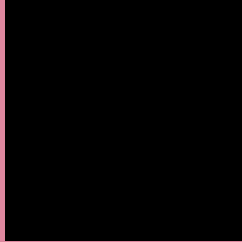
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 36.185, 3.285

Background



This preview shows how black text looks on a background with the CIELCh color 66, 36.185, 3.285.



This preview shows how white text looks on a background with the CIELCh color 66, 36.185, 3.285.

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, 36.185, 3.285

Protanopia

66, 7.206, 290.935

Deuteranopia

66, 9.469, 23.557



Tritanopia
66, 34.301, 14.032

Trichromacy



Original Color
66, 36.185, 3.285

Protanomaly
66, 15.433, 343.439

Deuteranomaly
66, 18.990, 9.653

Tritanomaly
66, 34.818, 9.735

Monochromacy



Original Color
66, 36.185, 3.285

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 13.371, 358.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 36.185, 3.285 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, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(222, 135, 158)  
}
```

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, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 135, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 36.185, 3.285 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, 135, 158) }
```

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

```
.border{ border-color:rgb(222, 135, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(222, 135,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 36.185, 3.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 135, 158) }
```

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

```
.background{ background-color: rgb(222,  
135, 158) }
```

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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