

Converting Colors

CIELCh(72, 34.019, 353.349)

Have a look what the booklet for
CIELCh(72, 34.019, 353.349)
contains.

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Color

CIELCh(72, 33.676, 353.181)

Conversions

Conversions Part 1

Format	Color
Hex	E89AB9
RGB	232, 154, 185
RGB Percent	91%, 60%, 73%
CMY	0.0910, 0.3968, 0.2753
CMYK	0.00, 0.34, 0.20, 0.09
HSL	336°, 63%, 76%
HSV	336°, 34%, 91%
XYZ	53.4667, 43.6590, 51.3955
YIQ	180.8560, 36.5370, 26.1770

Conversions

Conversions Part 2

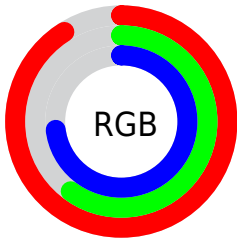
Format	Color
R_{YB}	232, 154, 185
Decimal	15243961
CIE _{Lab}	72.00, 33.44, -4.00
CIE _{LCh}	72, 33.676, 353.181
Yxy	43.6590, 0.3600, 0.2940
Android (android.graphics.Color)	4293434041 (0xFFE89AB9)
YUV	180.8560, 2.0430, 44.8533
Hunter-Lab	66.0750, 28.8079, 0.1346

Details

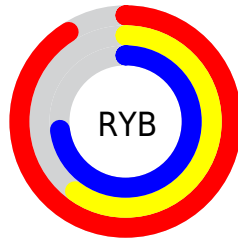
The CIELCh color **72, 33.676, 353.181** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86, 31.473, 166.203**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 23.347, 335.727**, and **52, 33.486, 353.352** is the 20% darker color. If you saturate the color by 10%, you get **67, 43.739, 354.671**, and if you desaturate by 10%, it is **78, 23.466, 351.919**.

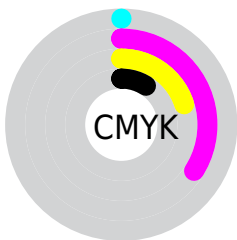
Distribution



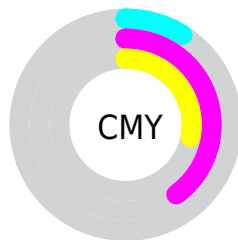
- Red (91%)
- Green (60%)
- Blue (73%)



- Red (91%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 33.676, 353.181 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 72, 33.676, 353.181 by changing the saturation by 10% instead.


 72, 33.676,
353.181


 72, 33.676,
353.181


 100, 33.676,
353.181


 62, 33.676,
353.181


 92, 33.676,
353.181

 52, 33.676,
353.181

 42, 33.676,
353.181

 32, 33.676,
353.181

 22, 33.676,
353.181

 12, 33.676,
353.181

 2, 33.676, 353.181

0, 33.676, 353.181

72, 33.676,
353.181

72, 33.676,
353.181

67, 43.739,
354.671

78, 23.466,
351.919

62, 53.300,
356.468

84, 13.362,
350.815

58, 61.887,
358.690

90, 3.514, 349.755

54, 68.991, 1.492

96, 6.000, 169.126

52, 74.227, 5.055

98, 7.938, 197.619

50, 77.557, 9.534

98, 7.927, 198.988

49, 79.075, 12.765

Harmonies

Complementary

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



72, 33.676, 353.181



86, 31.473, 166.203

Rectangle

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



72, 33.676, 353.181



72, 33.676, 43.181



72, 33.676, 173.181



72, 33.676, 223.181

Sweetspot

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



72, 33.673, 353.183



93, 10.524, 350.445



70, 45.513, 313.986



49, 7.196, 350.590



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 33.673, 353.183



75, 43.337, 354.130



73, 28.954, 30.137



45, 5.483, 350.384



38, 64.905, 11.774



7, 26.899, 2.464

Inverse Universe

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



72, 33.673, 353.183



75, 43.337, 354.130



85, 22.670, 208.457



45, 5.483, 350.384



38, 64.905, 11.774



7, 26.899, 2.464

Previews

White Background



This preview shows how the CIELCh color 72, 33.676, 353.181 looks on a white background.

Color Contrast Check

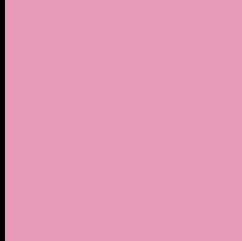
Large Text (above 18pt) WCAG AA × Fail

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 72, 33.676, 353.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

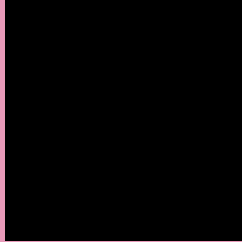
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 33.676, 353.181

Background



This preview shows how black text looks on a background with the CIELCh color 72, 33.676, 353.181.

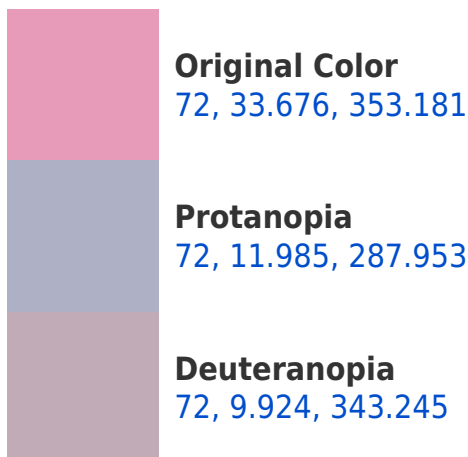


This preview shows how white text looks on a background with the CIELCh color 72, 33.676, 353.181.

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
72, 29.234, 9.573

Trichromacy



Original Color
72, 33.676, 353.181

Protanomaly
72, 16.902, 327.268

Deuteranomaly
72, 18.297, 348.910

Tritanomaly
72, 30.605, 3.022

Monochromacy



Original Color
72, 33.676, 353.181

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 12.149, 351.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 33.676, 353.181 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(232, 154, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 154, 185)  
}
```

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(232, 154, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 154, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 33.676, 353.181 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(232, 154, 185) }
```

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

```
.border{ border-color:rgb(232, 154, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 154, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 154, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 154, 185);  
box-shadow:4px 4px 4px 4px rgb(232, 154,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 33.676, 353.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 154, 185) }
```

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

```
.background{ background-color: rgb(232,  
154, 185) }
```

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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