

Converting Colors

CIELCh(44, 56.721, 341.627)

Have a look what the booklet for
CIELCh(44, 56.721, 341.627)
contains.

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Color

CIELCh(44, 56.698, 341.573)

Conversions

Conversions Part 1

Format	Color
Hex	AD3C87
RGB	173, 60, 135
RGB Percent	68%, 24%, 53%
CMY	0.3220, 0.7651, 0.4710
CMYK	0.00, 0.65, 0.22, 0.32
HSL	320°, 49%, 46%
HSV	320°, 65%, 68%
XYZ	23.1852, 13.8382, 24.3337
YIQ	102.3370, 43.2730, 47.2810

Conversions

Conversions Part 2

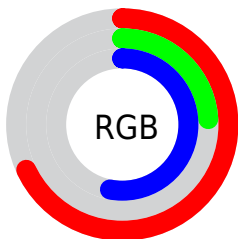
Format	Color
R_{YB}	173, 60, 135
Decimal	11353223
CIE Lab	44.00, 53.79, -17.92
CIE LCh	44, 56.698, 341.573
Yxy	13.8382, 0.3779, 0.2255
Android (android.graphics.Color)	4289543303 (0xFFAD3C87)
YUV	102.3370, 16.1029, 61.9715
Hunter-Lab	37.1997, 46.1526, -12.7439

Details

The CIELCh color $44, 56.698, 341.573$ is a dark color, and the websafe version is hex 990066 . A complement of this color would be $63, 56.817, 148.827$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 56.357, 341.728$, and $25, 53.210, 342.228$ is the 20% darker color. If you saturate the color by 10%, you get $41, 62.160, 342.924$, and if you desaturate by 10%, it is $47, 49.665, 340.417$.

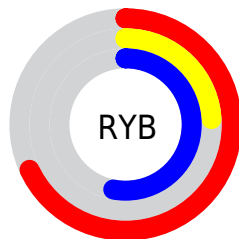
Distribution



Red (68%)

Green (24%)

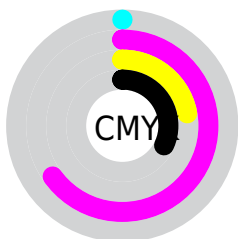
Blue (53%)



Red (68%)

Yellow (24%)

Blue (53%)

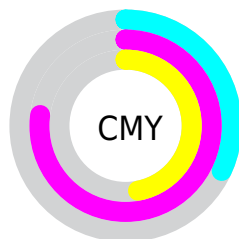


Cyan (0%)

Magenta (65%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (77%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 56.698, 341.573 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 44, 56.698, 341.573 by changing the saturation by 10% instead.


 44, 56.698,
341.573


 44, 56.698,
341.573


 100, 56.698,
341.573


 34, 56.698,
341.573

 64, 56.698,
341.573


 24, 56.698,
341.573

 74, 56.698,
341.573

 14, 56.698,
341.573

 84, 56.698,
341.573

 4, 56.698, 341.573

 94, 56.698,
341.573

 0, 56.698, 341.573

 44, 56.698,

 44, 56.698,

341.573

41, 62.160,
342.924

40, 65.695,
344.544

38, 67.181,
346.522

38, 67.542,
347.514

341.573

47, 49.665,
340.417

51, 41.515,
339.399

55, 32.666,
338.481

59, 23.460,
337.640

64, 14.147,
336.857

68, 4.896, 336.093

73, 4.185, 155.556

78, 13.035,
154.872

■ 83, 21.625,
154.268

Harmonies

Complementary

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



44, 56.698, 341.573



63, 56.817, 148.827

Rectangle

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



44, 56.698, 341.573



44, 56.698, 31.573



44, 56.698, 161.573



44, 56.698, 211.573

Sweetspot

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



44, 56.695, 341.573



78, 22.841, 337.242



36, 69.292, 307.767



40, 15.579, 337.456



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



44, 56.695, 341.573



53, 77.545, 343.537



42, 49.546, 16.645



34, 5.205, 336.399



33, 61.105, 347.225



2, 10.202, 340.049

Inverse Universe

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



44, 56.695, 341.573



53, 77.545, 343.537



64, 36.162, 179.432



34, 5.205, 336.399



33, 61.105, 347.225



2, 10.202, 340.049

Previews

White Background



This preview shows how the CIELCh color 44, 56.698, 341.573 looks on a white background.

Color Contrast Check

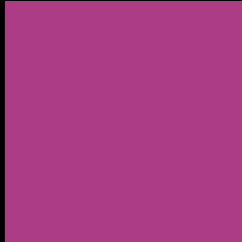
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 56.698, 341.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

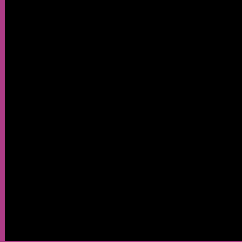
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 56.698, 341.573

Background



This preview shows how black text looks on a background with the CIELCh color 44, 56.698, 341.573.



This preview shows how white text looks on a background with the CIELCh color 44, 56.698, 341.573.

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

44, 56.698, 341.573

Protanopia

45, 39.039, 285.597

Deuteranopia

44, 15.572, 292.353



Tritanopia
44, 42.352, 22.470

Trichromacy



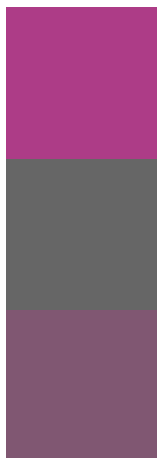
Original Color
44, 56.698, 341.573

Protanomaly
42, 42.596, 307.824

Deuteranomaly
43, 30.601, 324.207

Tritanomaly
44, 44.452, 4.859

Monochromacy



Original Color
44, 56.698, 341.573

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 23.099, 338.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 56.698, 341.573 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(173, 60, 135)` looks like.

```
.text, #text, p{  
    color:rgb(173, 60, 135)  
}
```

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(173, 60, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 60, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 56.698, 341.573 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(173, 60, 135) }
```

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

```
.border{ border-color:rgb(173, 60, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 60, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 60, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 60, 135);  
box-shadow:4px 4px 4px 4px rgb(173, 60,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 56.698, 341.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 60, 135) }
```

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

```
.background{ background-color: rgb(173, 60,  
135) }
```

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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