

Converting Colors

CIELCh(53, 47.979, 326.888)

Have a look what the booklet for
CIELCh(53, 47.979, 326.888)
contains.

CIELCh(53, 48.189, 327.041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 48.189, 327.041)

Conversions

Conversions Part 1

Format	Color
Hex	AD64AC
RGB	173, 100, 172
RGB Percent	68%, 39%, 67%
CMY	0.3207, 0.6071, 0.3247
CMYK	0.00, 0.42, 0.01, 0.32
HSL	301°, 31%, 54%
HSV	301°, 42%, 68%
XYZ	29.3217, 21.0462, 41.6495
YIQ	130.0350, 20.3960, 37.8680

Conversions

Conversions Part 2

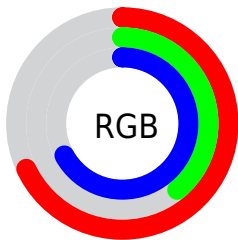
Format	Color
R _Y B	173, 100, 172
Decimal	11363500
CIE Lab	53.00, 40.43, -26.22
CIE LCh	53, 48.189, 327.041
Yxy	21.0462, 0.3187, 0.2287
Android (android.graphics.Color)	4289553580 (0xFFAD64AC)
YUV	130.0350, 20.6887, 37.6803
Hunter-Lab	45.8761, 33.8051, -21.7143

Details

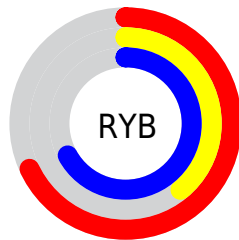
The CIELCh color **53, 48.189, 327.041** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **65, 48.309, 141.600**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 48.211, 326.983**, and **33, 47.779, 327.262** is the 20% darker color. If you saturate the color by 10%, you get **50, 58.496, 327.505**, and if you desaturate by 10%, it is **57, 37.115, 326.535**.

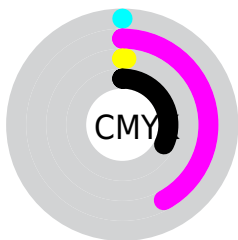
Distribution



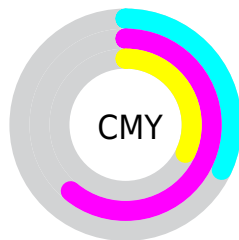
- Red (68%)
- Green (39%)
- Blue (67%)



- Red (68%)
- Yellow (39%)
- Blue (67%)



- Cyan (0%)
- Magenta (42%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (61%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 48.189, 327.041 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 53, 48.189, 327.041 by changing the saturation by 10% instead.


 53, 48.189,
327.041

 53, 48.189,
327.041


 100, 48.189,
327.041


 43, 48.189,
327.041


 73, 48.189,
327.041

 33, 48.189,
327.041

 83, 48.189,
327.041

 23, 48.189,
327.041

 93, 48.189,
327.041

 13, 48.189,
327.041

 3, 48.189, 327.041

 0, 48.189, 327.041

53, 48.189,
327.041

53, 48.189,
327.041

50, 58.496,
327.505

57, 37.115,
326.535

47, 67.620,
327.913

61, 25.636,
326.002

44, 75.121,
328.250

65, 14.024,
325.452

43, 80.640,
328.507

70, 2.472, 324.831

74, 8.890, 144.418


41, 84.011,
328.685

79, 19.983,
143.886

41, 85.557,
328.784

84, 30.764,
143.384

89, 41.212,
142.909

 93, 50.693,
142.493

Harmonies

Complementary

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



53, 48.189, 327.041



65, 48.309, 141.600

Rectangle

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



53, 48.189, 327.041



53, 48.189, 17.041



53, 48.189, 147.041



53, 48.189, 197.041

Sweetspot

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



53, 48.187, 327.041



82, 18.529, 325.512



45, 43.442, 295.839



42, 12.960, 325.631



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



53, 48.187, 327.041



64, 70.658, 327.494



52, 35.105, 347.838



34, 6.529, 325.292



35, 77.139, 328.777



2, 13.666, 324.985

Inverse Universe

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



53, 48.187, 327.041



64, 70.658, 327.494



65, 33.438, 159.500



34, 6.529, 325.292



35, 77.139, 328.777



2, 13.666, 324.985

Previews

White Background



This preview shows how the CIELCh color 53, 48.189, 327.041 looks on a white background.

Color Contrast Check

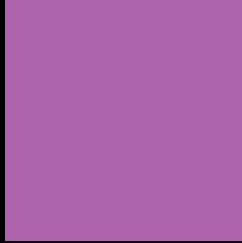
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 53, 48.189, 327.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

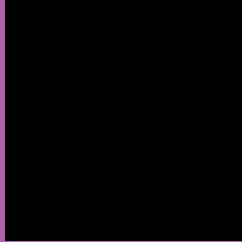
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 48.189, 327.041

Background



This preview shows how black text looks on a background with the CIELCh color 53, 48.189, 327.041.



This preview shows how white text looks on a background with the CIELCh color 53, 48.189, 327.041.

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
53, 48.189, 327.041

Protanopia
53, 38.905, 285.533

Deuteranopia
53, 24.935, 286.965



Tritanopia
53, 23.362, 11.094

Trichromacy



Original Color
53, 48.189, 327.041

Protanomaly
53, 40.340, 300.851

Deuteranomaly
53, 32.299, 306.912

Tritanomaly
53, 29.665, 346.607

Monochromacy



Original Color
53, 48.189, 327.041

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 18.314, 326.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 48.189, 327.041 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, 100, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 100, 172)  
}
```

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, 100, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 100, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 48.189, 327.041 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, 100, 172) }
```

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

```
.border{ border-color:rgb(173, 100, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 100, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 100, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 100, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 100,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 48.189, 327.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 100, 172) }
```

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

```
.background{ background-color: rgb(173,  
100, 172) }
```

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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