

Converting Colors

CIELCh(53, 49.095, 328.380)

Have a look what the booklet for
CIELCh(53, 49.095, 328.380)
contains.

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Color

CIELCh(53, 48.847, 328.659)

Conversions

Conversions Part 1

Format	Color
Hex	B063AB
RGB	176, 99, 171
RGB Percent	69%, 39%, 67%
CMY	0.3104, 0.6123, 0.3300
CMYK	0.00, 0.44, 0.03, 0.31
HSL	304°, 33%, 54%
HSV	304°, 44%, 69%
XYZ	29.6579, 21.0462, 40.9564
YIQ	130.2310, 22.7800, 38.7160

Conversions

Conversions Part 2

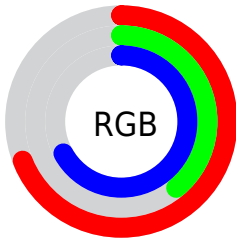
Format	Color
R_{YB}	176, 99, 171
Decimal	11559851
CIE _{Lab}	53.00, 41.72, -25.41
CIE _{LCh}	53, 48.847, 328.659
Yxy	21.0462, 0.3236, 0.2296
Android (android.graphics.Color)	4289749931 (0xFFB063AB)
YUV	130.2310, 20.0991, 40.1394
Hunter-Lab	45.8761, 35.1130, -20.8185

Details

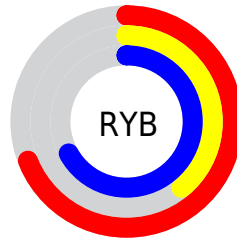
The CIELCh color $53, 48.847, 328.659$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 48.993, 142.791$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 48.929, 328.489$, and $33, 49.243, 328.619$ is the 20% darker color. If you saturate the color by 10%, you get $50, 58.773, 329.172$, and if you desaturate by 10%, it is $57, 38.101, 328.117$.

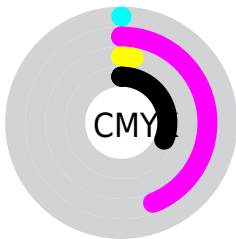
Distribution



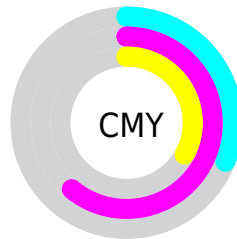
- Red (69%)
- Green (39%)
- Blue (67%)



- Red (69%)
- Yellow (39%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (3%)
- Black (31%)





- Cyan (31%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 48.847, 328.659 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, 48.847, 328.659 by changing the saturation by 10% instead.


 53, 48.847,
328.659


 53, 48.847,
328.659


 100, 48.847,
328.659


 43, 48.847,
328.659


 73, 48.847,
328.659


 33, 48.847,
328.659

 83, 48.847,
328.659

 23, 48.847,
328.659

 93, 48.847,
328.659

 13, 48.847,
328.659

 3, 48.847, 328.659

 0, 48.847, 328.659

■ 53, 48.847,
328.659

■ 53, 48.847,
328.659

■ 50, 58.773,
329.172

■ 57, 38.101,
328.117

■ 47, 67.452,
329.646

■ 61, 26.911,
327.557

■ 44, 74.437,
330.074

■ 65, 15.558,
326.988

■ 43, 79.375,
330.452

■ 70, 4.243, 326.386

■ 41, 82.128,
330.788


■ 75, 6.900, 145.932

■ 41, 83.129,
330.985

■ 79, 17.789,
145.380

■ 84, 28.378,
144.865

■ 89, 38.647,
144.378

 93, 47.342,
144.021

Harmonies

Complementary

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



53, 48.847, 328.659



65, 48.993, 142.791

Rectangle

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



53, 48.847, 328.659



53, 48.847, 18.659



53, 48.847, 148.659



53, 48.847, 198.659

Sweetspot

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



53, 48.845, 328.659



84, 18.223, 326.956



45, 45.840, 297.546



43, 12.750, 327.080



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



53, 48.845, 328.659



64, 71.894, 329.180



52, 35.921, 351.139



34, 6.305, 326.728



35, 74.152, 330.948



2, 12.989, 327.088

Inverse Universe

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



53, 48.845, 328.659



64, 71.894, 329.180



66, 33.636, 161.975



34, 6.305, 326.728



35, 74.152, 330.948



2, 12.989, 327.088

Previews

White Background



This preview shows how the CIELCh color 53, 48.847, 328.659 looks on a white background.

Color Contrast Check

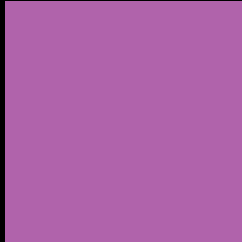
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.847, 328.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

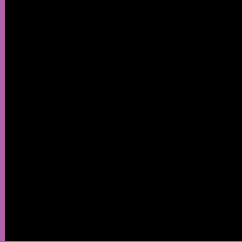
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 48.847, 328.659

Background



This preview shows how black text looks on a background with the CIELCh color 53, 48.847, 328.659.

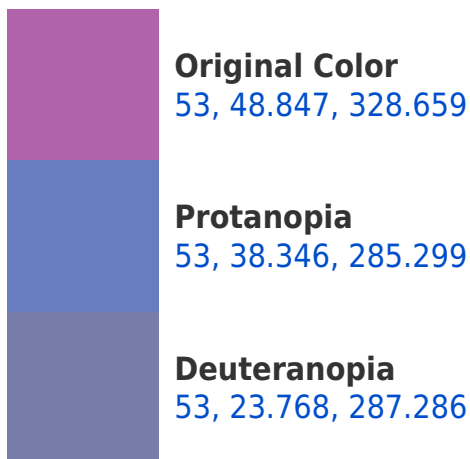


This preview shows how white text looks on a background with the CIELCh color 53, 48.847, 328.659.

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
53, 25.137, 10.859

Trichromacy



Original Color
53, 48.847, 328.659

Protanomaly
52, 40.455, 301.793

Deuteranomaly
52, 32.022, 309.024

Tritanomaly
53, 31.246, 347.766

Monochromacy



Original Color
53, 48.847, 328.659

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 18.531, 327.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 48.847, 328.659 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(176, 99, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 99, 171)  
}
```

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(176, 99, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 99, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 48.847, 328.659 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(176, 99, 171) }
```

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

```
.border{ border-color:rgb(176, 99, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 99, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 99, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 99, 171);  
box-shadow:4px 4px 4px 4px rgb(176, 99,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 48.847, 328.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 99, 171) }
```

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

```
.background{ background-color: rgb(176, 99,  
171) }
```

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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