

Converting Colors

CIELCh(53, 26.966, 349.444)

Have a look what the booklet for
CIELCh(53, 26.966, 349.444)
contains.

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Color

CIELCh(53, 26.970, 349.450)

Conversions

Conversions Part 1

Format	Color
Hex	A76E88
RGB	167, 110, 136
RGB Percent	65%, 43%, 53%
CMY	0.3463, 0.5697, 0.4678
CMYK	0.00, 0.34, 0.19, 0.35
HSL	333°, 24%, 54%
HSV	333°, 34%, 65%
XYZ	25.8448, 21.0462, 25.8894
YIQ	130.0070, 25.6260, 20.1700

Conversions

Conversions Part 2

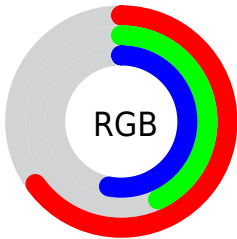
Format	Color
R_{YB}	167, 110, 136
Decimal	10972808
CIE _{Lab}	53.00, 26.51, -4.94
CIE _{LCh}	53, 26.970, 349.450
Yxy	21.0462, 0.3551, 0.2892
Android (android.graphics.Color)	4289162888 (0xFFA76E88)
YUV	130.0070, 2.9545, 32.4429
Hunter-Lab	45.8761, 20.2767, -1.3460

Details

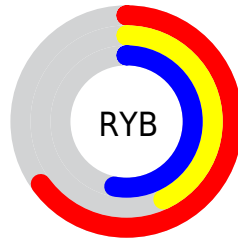
The CIELCh color $53, 26.970, 349.450$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 25.624, 162.814$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 27.063, 349.534$, and $33, 27.036, 349.909$ is the 20% darker color. If you saturate the color by 10%, you get $49, 34.806, 350.778$, and if you desaturate by 10%, it is $57, 18.971, 348.305$.

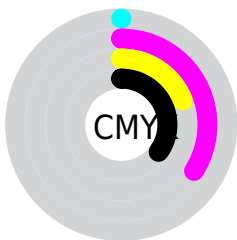
Distribution



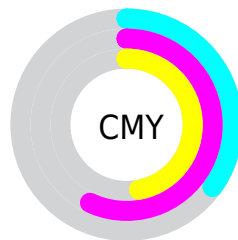
- Red (65%)
- Green (43%)
- Blue (53%)



- Red (65%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.970, 349.450 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, 26.970, 349.450 by changing the saturation by 10% instead.


 53, 26.970,
349.450


 53, 26.970,
349.450


 100, 26.970,
349.450


 43, 26.970,
349.450


 73, 26.970,
349.450

 33, 26.970,
349.450

 83, 26.970,
349.450

 23, 26.970,
349.450

 93, 26.970,
349.450

 13, 26.970,
349.450

 3, 26.970, 349.450

 0, 26.970, 349.450

53, 26.970,
349.450

53, 26.970,
349.450

49, 34.806,
350.778

57, 18.971,
348.305

45, 42.207,
352.350

62, 11.008,
347.289

42, 48.813,
354.260

66, 3.202, 346.314

39, 54.229,
356.633

71, 4.380, 165.707

37, 58.131,
359.625

76, 11.703,
164.920


36, 60.417, 3.398

81, 18.758,
164.236

35, 61.419, 5.808

85, 25.548,
163.612

90, 32.088,
163.036

 94, 35.763,
164.318

Harmonies

Complementary

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



53, 26.970, 349.450



64, 25.624, 162.814

Rectangle

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



53, 26.970, 349.450



53, 26.970, 39.450



53, 26.970, 169.450



53, 26.970, 219.450

Sweetspot

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



53, 26.968, 349.452



81, 9.566, 346.907



51, 34.978, 311.813



42, 6.590, 347.035



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 26.968, 349.452



64, 40.043, 350.436



53, 23.789, 24.797



33, 4.401, 346.822



31, 56.262, 5.299



2, 7.612, 349.866

Inverse Universe

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



53, 26.968, 349.452



64, 40.043, 350.436



64, 18.761, 201.092



33, 4.401, 346.822



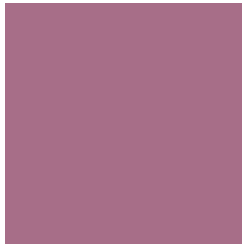
31, 56.262, 5.299



2, 7.612, 349.866

Previews

White Background



This preview shows how the CIE LCh color 53, 26.970, 349.450 looks on a white background.

Color Contrast Check

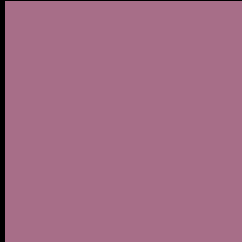
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.970, 349.450 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, 26.970, 349.450

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.970, 349.450.



This preview shows how white text looks on a background with the CIELCh color 53, 26.970, 349.450.

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, 26.970, 349.450

Protanopia

53, 11.603, 286.109

Deuteranopia

53, 7.770, 332.186



Tritanopia
53, 22.580, 9.110

Trichromacy



Original Color
53, 26.970, 349.450

Protanomaly
53, 14.762, 321.371

Deuteranomaly
53, 14.783, 342.540

Tritanomaly
53, 24.007, 1.600

Monochromacy



Original Color
53, 26.970, 349.450

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.540, 347.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.970, 349.450 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(167, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(167, 110, 136)  
}
```

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(167, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 110, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.970, 349.450 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(167, 110, 136) }
```

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

```
.border{ border-color:rgb(167, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(167, 110,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.970, 349.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 110, 136) }
```

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

```
.background{ background-color: rgb(167,  
110, 136) }
```

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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