

Converting Colors

CIELCh(53, 27.984, 26.210)

Have a look what the booklet for
CIELCh(53, 27.984, 26.210) contains.

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Color

CIELCh(53, 28.074, 27.309)

Conversions

Conversions Part 1

Format	Color
Hex	AE6E6A
RGB	174, 110, 106
RGB Percent	68%, 43%, 42%
CMY	0.3194, 0.5702, 0.5858
CMYK	0.00, 0.37, 0.39, 0.32
HSL	4°, 29%, 55%
HSV	4°, 39%, 68%
XYZ	25.4711, 21.0462, 16.2494
YIQ	128.6800, 39.4280, 12.3240

Conversions

Conversions Part 2

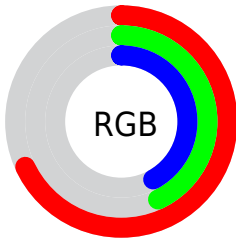
Format	Color
RYB	174, 110, 106
Decimal	11431530
CIELab	53.00, 24.95, 12.88
CIElCh	53, 28.074, 27.309
Yxy	21.0462, 0.4058, 0.3353
Android (android.graphics.Color)	4289621610 (0xFFAE6E6A)
YUV	128.6800, -11.1812, 39.7456
Hunter-Lab	45.8761, 18.8225, 11.1126

Details

The CIELCh color **53, 28.074, 27.309** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 21.181, 203.748**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 28.064, 27.314**, and **33, 28.029, 26.885** is the 20% darker color. If you saturate the color by 10%, you get **49, 36.511, 28.675**, and if you desaturate by 10%, it is **57, 20.117, 26.285**.

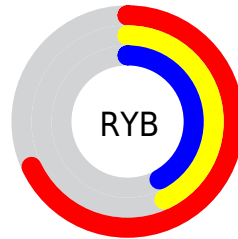
Distribution



Red (68%)

Green (43%)

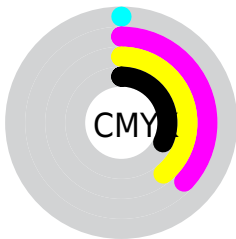
Blue (42%)



Red (68%)

Yellow (43%)

Blue (42%)

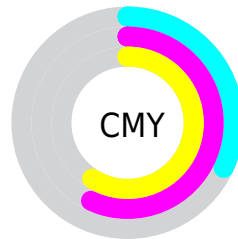


Cyan (0%)

Magenta (37%)

Yellow (39%)

Black (32%)



Cyan (32%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 28.074, 27.309 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, 28.074, 27.309 by changing the saturation by 10% instead.

■ 53, 28.074, 27.309

■ 53, 28.074, 27.309

■ 100, 28.074,
27.309

■ 43, 28.074, 27.309

■ 73, 28.074, 27.309

■ 33, 28.074, 27.309

■ 83, 28.074, 27.309

■ 23, 28.074, 27.309

■ 93, 28.074, 27.309

■ 13, 28.074, 27.309

■ 3, 28.074, 27.309

■ 0, 28.074, 27.309

■ 53, 28.074, 27.309

■ 53, 28.074, 27.309

■ 49, 36.511, 28.675

■ 57, 20.117, 26.285

■ 45, 45.310, 30.450

■ 62, 12.700, 25.510

■ 42, 54.259, 32.688

■ 67, 5.829, 24.902

■ 39, 63.011, 35.333

■ 71, 0.521, 205.539

■ 38, 70.895, 38.037

■ 76, 6.388, 204.360

■ 36, 76.994, 40.382

■ 81, 11.822,
204.112

■ 36, 77.484, 40.629

■ 86, 16.870,
203.953

■ 91, 21.578,
203.849

■ 95, 25.784,
197.827

Harmonies

Complementary

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



53, 28.074, 27.309



65, 21.181, 203.748

Rectangle

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



53, 28.074, 27.309



53, 28.074, 77.309



53, 28.074, 207.309



53, 28.074, 257.309

Sweetspot

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



53, 28.072, 27.313



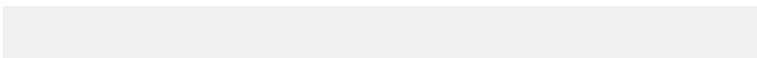
82, 9.538, 25.078



54, 43.920, 327.955



43, 6.350, 25.151



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, 28.072, 27.313



63, 42.835, 28.471



61, 24.995, 75.595



34, 3.606, 24.911



31, 69.184, 40.344



2, 7.440, 23.598

Inverse Universe

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



65, 21.181, 203.748



82, 30.024, 203.747



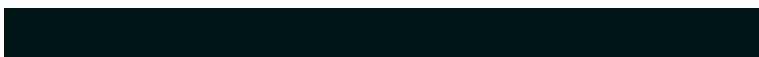
56, 23.176, 267.285



36, 3.400, 204.382



53, 31.345, 206.101



6, 7.188, 207.165

Previews

White Background



This preview shows how the CIELCh color 53, 28.074, 27.309 looks on a white background.

Color Contrast Check

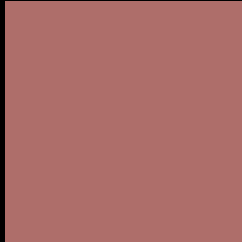
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.074, 27.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

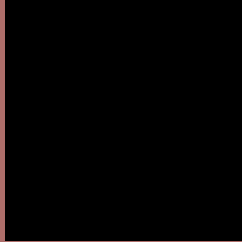
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 28.074, 27.309

Background



This preview shows how black text looks on a background with the CIELCh color 53, 28.074, 27.309.



This preview shows how white text looks on a background with the CIELCh color 53, 28.074, 27.309.

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, 28.074, 27.309

Protanopia

53, 7.755, 93.710

Deuteranopia

53, 15.543, 64.482



Tritanopia
53, 28.134, 13.751

Trichromacy



Original Color
53, 28.074, 27.309

Protanomaly
53, 12.543, 47.579

Deuteranomaly
53, 19.182, 43.844

Tritanomaly
53, 27.825, 19.371

Monochromacy



Original Color
53, 28.074, 27.309

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 9.961, 23.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 28.074, 27.309 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(174, 110, 106)` looks like.

```
.text, #text, p{  
    color:rgb(174, 110, 106)  
}
```

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(174, 110, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 110, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 28.074, 27.309 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(174, 110, 106) }
```

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

```
.border{ border-color:rgb(174, 110, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 110, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 110, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 110, 106);  
box-shadow:4px 4px 4px 4px rgb(174, 110,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 28.074, 27.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 110, 106) }
```

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

```
.background{ background-color: rgb(174,  
110, 106) }
```

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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