

Converting Colors

CIELCh(53, 27.148, 42.811)

Have a look what the booklet for
CIELCh(53, 27.148, 42.811) contains.

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Color

CIELCh(53, 27.263, 42.615)

Conversions

Conversions Part 1

Format	Color
Hex	A97160
RGB	169, 113, 96
RGB Percent	66%, 44%, 38%
CMY	0.3378, 0.5573, 0.6240
CMYK	0.00, 0.33, 0.43, 0.34
HSL	14°, 30%, 52%
HSV	14°, 43%, 66%
XYZ	24.3313, 21.0462, 13.8183
YIQ	127.8060, 38.8330, 6.5850

Conversions

Conversions Part 2

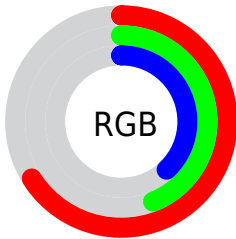
Format	Color
R_{YB}	169, 118, 96
Decimal	11104608
CIE Lab	53.00, 20.06, 18.46
CIE LCh	53, 27.263, 42.615
Yxy	21.0462, 0.4110, 0.3555
Android (android.graphics.Color)	4289294688 (0xFFA97160)
YUV	127.8060, -15.6804, 36.1271
Hunter-Lab	45.8761, 14.3879, 14.2546

Details

The CIELCh color **53, 27.263, 42.615** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 20.152, 226.734**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 27.176, 42.060**, and **33, 27.004, 41.636** is the 20% darker color. If you saturate the color by 10%, you get **50, 34.917, 42.838**, and if you desaturate by 10%, it is **57, 20.122, 42.575**.

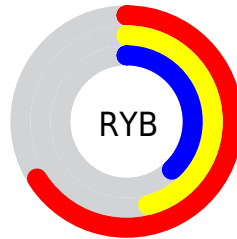
Distribution



Red (66%)

Green (44%)

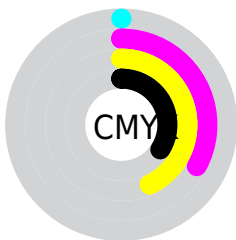
Blue (38%)



Red (66%)

Yellow (46%)

Blue (38%)

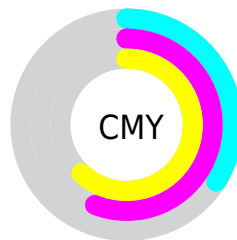


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (34%)



Cyan (34%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 27.263, 42.615 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, 27.263, 42.615 by changing the saturation by 10% instead.

■ 53, 27.263, 42.615

■ 53, 27.263, 42.615

■ 100, 27.263,
42.615

■ 43, 27.263, 42.615

■ 73, 27.263, 42.615

■ 33, 27.263, 42.615

■ 83, 27.263, 42.615

■ 23, 27.263, 42.615

■ 93, 27.263, 42.615

■ 13, 27.263, 42.615

■ 3, 27.263, 42.615

■ 0, 27.263, 42.615

■ 53, 27.263, 42.615

■ 53, 27.263, 42.615

■ 50, 34.917, 42.838

■ 57, 20.122, 42.575

■ 46, 43.028, 43.244

■ 60, 13.504, 42.672

44, 51.432, 43.808

64, 7.385, 42.868

41, 59.752, 44.387

68, 1.728, 42.975

39, 67.157, 44.595

72, 3.513, 223.762

38, 71.650, 44.791

76, 8.380, 224.113

80, 12.919,
224.553

84, 17.168,
225.023

88, 21.164,
225.507

Harmonies

Complementary

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



53, 27.263, 42.615



60, 20.152, 226.734

Rectangle

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



53, 27.263, 42.615



53, 27.263, 92.615



53, 27.263, 222.615



53, 27.263, 272.615

Sweetspot

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



53, 27.262, 42.620



81, 8.984, 42.868



51, 42.145, 333.979



42, 6.331, 42.821



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, 27.262, 42.620



64, 42.154, 42.830



62, 30.439, 89.504



34, 3.104, 42.955



33, 64.589, 44.963



2, 5.569, 39.527

Inverse Universe

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



60, 20.152, 226.734



74, 28.670, 228.214



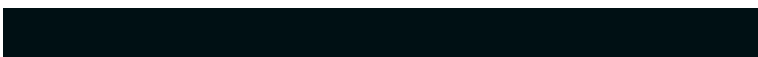
49, 31.045, 282.008



34, 2.939, 223.859



44, 29.852, 241.810



4, 5.389, 231.555

Previews

White Background



This preview shows how the CIELCh color 53, 27.263, 42.615 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, 27.263, 42.615 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, 27.263, 42.615

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.263, 42.615.



This preview shows how white text looks on a background with the CIELCh color 53, 27.263, 42.615.

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, 27.263, 42.615

Protanopia

53, 14.763, 94.898

Deuteranopia

53, 20.563, 70.885



Tritanopia
53, 25.948, 12.619

Trichromacy



Original Color
53, 27.263, 42.615

Protanomaly
53, 16.882, 68.188

Deuteranomaly
53, 22.180, 58.679

Tritanomaly
53, 25.446, 23.713

Monochromacy



Original Color
53, 27.263, 42.615

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 9.308, 45.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.263, 42.615 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(169, 113, 96)` looks like.

```
.text, #text, p{  
    color:rgb(169, 113, 96)  
}
```

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(169, 113, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 113, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.263, 42.615 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(169, 113, 96) }
```

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

```
.border{ border-color:rgb(169, 113, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 113, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 113, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 113, 96);  
box-shadow:4px 4px 4px 4px rgb(169, 113,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.263, 42.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 113, 96) }
```

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

```
.background{ background-color: rgb(169,  
113, 96) }
```

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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