

Converting Colors

CIELCh(53, 29.605, 28.340)

Have a look what the booklet for
CIELCh(53, 29.605, 28.340) contains.

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Color

CIELCh(53, 29.607, 28.336)

Conversions

Conversions Part 1

Format	Color
Hex	B06D68
RGB	176, 109, 104
RGB Percent	69%, 43%, 41%
CMY	0.3113, 0.5738, 0.5934
CMYK	0.00, 0.38, 0.41, 0.31
HSL	4°, 31%, 55%
HSV	4°, 41%, 69%
XYZ	25.7361, 21.0462, 15.7165
YIQ	128.4630, 41.5370, 12.6490

Conversions

Conversions Part 2

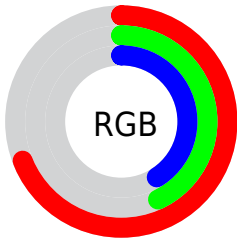
Format	Color
R _Y B	176, 109, 104
Decimal	11562344
CIE Lab	53.00, 26.06, 14.05
CIE LCh	53, 29.607, 28.336
Yxy	21.0462, 0.4118, 0.3367
Android (android.graphics.Color)	4289752424 (0xFFB06D68)
YUV	128.4630, -12.0603, 41.6899
Hunter-Lab	45.8761, 19.8539, 11.8014

Details

The CIELCh color **53, 29.607, 28.336** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 21.966, 204.953**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 29.882, 28.159**, and **33, 29.726, 28.210** is the 20% darker color. If you saturate the color by 10%, you get **49, 38.156, 29.702**, and if you desaturate by 10%, it is **57, 21.537, 27.315**.

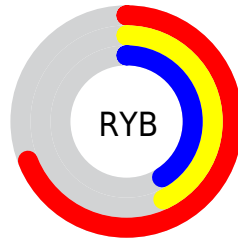
Distribution



Red (69%)

Green (43%)

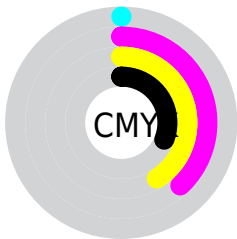
Blue (41%)



Red (69%)

Yellow (43%)

Blue (41%)

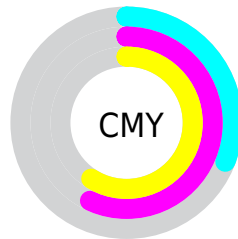


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 29.607, 28.336 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, 29.607, 28.336 by changing the saturation by 10% instead.

■ 53, 29.607, 28.336

■ 53, 29.607, 28.336

■ 100, 29.607,
28.336

■ 43, 29.607, 28.336

■ 73, 29.607, 28.336

■ 33, 29.607, 28.336

■ 83, 29.607, 28.336

■ 23, 29.607, 28.336

■ 93, 29.607, 28.336

■ 13, 29.607, 28.336

■ 3, 29.607, 28.336

■ 0, 29.607, 28.336

■ 53, 29.607, 28.336

■ 53, 29.607, 28.336

■ 49, 38.156, 29.702

■ 57, 21.537, 27.315

■ 45, 47.060, 31.472

■ 62, 14.011, 26.550

42, 56.091, 33.687

66, 7.039, 25.966

40, 64.863, 36.252

71, 0.597, 24.797

38, 72.589, 38.743

76, 5.353, 205.460

37, 78.043, 40.765

81, 10.860,
205.222

86, 15.972,
205.083

91, 20.736,
205.001

95, 25.212,
197.863

Harmonies

Complementary

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



53, 29.607, 28.336



66, 21.966, 204.953

Rectangle

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



53, 29.607, 28.336



53, 29.607, 78.336



53, 29.607, 208.336



53, 29.607, 258.336

Sweetspot

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



53, 29.605, 28.340



84, 9.620, 26.032



54, 45.789, 328.564



44, 6.407, 26.101



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, 29.605, 28.340



64, 45.428, 29.533



62, 26.742, 76.948



34, 3.571, 25.877



31, 69.043, 40.506



2, 7.379, 24.398

Inverse Universe

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



66, 21.966, 204.953



83, 31.201, 205.041



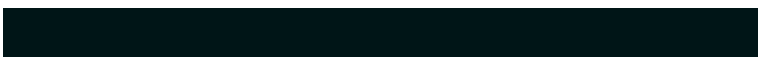
55, 24.986, 269.355



36, 3.366, 205.424



53, 30.990, 208.034



6, 7.096, 208.652

Previews

White Background



This preview shows how the CIELCh color 53, 29.607, 28.336 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, 29.607, 28.336 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, 29.607, 28.336

Background



This preview shows how black text looks on a background with the CIELCh color 53, 29.607, 28.336.



This preview shows how white text looks on a background with the CIELCh color 53, 29.607, 28.336.

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, 29.607, 28.336

Protanopia

53, 8.426, 91.899

Deuteranopia

53, 16.737, 65.921



Tritanopia
53, 29.866, 14.561

Trichromacy



Original Color
53, 29.607, 28.336

Protanomaly
53, 13.752, 45.167

Deuteranomaly
53, 20.186, 46.165

Tritanomaly
53, 29.606, 19.836

Monochromacy



Original Color
53, 29.607, 28.336

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 10.043, 27.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 29.607, 28.336 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, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 104)  
}
```

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, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 29.607, 28.336 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, 109, 104) }
```

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

```
.border{ border-color:rgb(176, 109, 104) }
```

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

Here you see how a box with a 4 pixel rgb(176, 109, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 29.607, 28.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 109, 104) }
```

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

```
.background{ background-color: rgb(176,  
109, 104) }
```

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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