

Converting Colors

CIELCh(53, 36.235, 47.232)

Have a look what the booklet for
CIELCh(53, 36.235, 47.232) contains.

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Color

CIELCh(53, 36.235, 47.232)

Conversions

Conversions Part 1

Format	Color
Hex	B26D52
RGB	178, 109, 82
RGB Percent	70%, 43%, 32%
CMY	0.3015, 0.5722, 0.6781
CMYK	0.00, 0.39, 0.54, 0.30
HSL	17°, 38%, 51%
HSV	17°, 54%, 70%
XYZ	25.3905, 21.0462, 10.7249
YIQ	126.5530, 49.7910, 6.2310

Conversions

Conversions Part 2

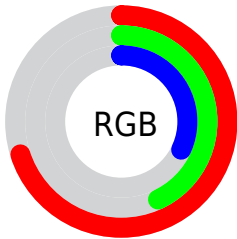
Format	Color
R _Y B	178, 120, 82
Decimal	11693394
CIE Lab	53.00, 24.60, 26.60
CIE LCh	53, 36.235, 47.232
Yxy	21.0462, 0.4442, 0.3682
Android (android.graphics.Color)	4289883474 (0xFFB26D52)
YUV	126.5530, -21.9646, 45.1190
Hunter-Lab	45.8761, 18.5089, 18.2525

Details

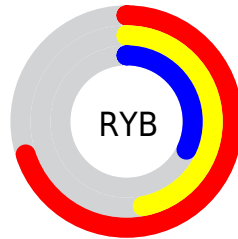
The CIELCh color **53, 36.235, 47.232** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **59, 25.073, 235.917**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 36.000, 47.099**, and **33, 36.587, 47.105** is the 20% darker color. If you saturate the color by 10%, you get **50, 44.521, 47.247**, and if you desaturate by 10%, it is **56, 28.401, 47.359**.

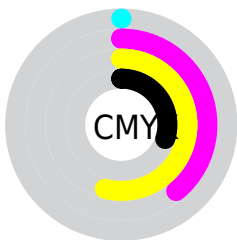
Distribution



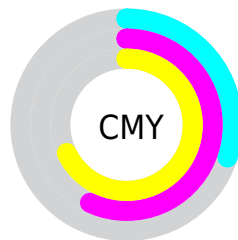
- Red (70%)
- Green (43%)
- Blue (32%)



- Red (70%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (30%)



- Cyan (30%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 36.235, 47.232 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, 36.235, 47.232 by changing the saturation by 10% instead.

■ 53, 36.235, 47.232

■ 53, 36.235, 47.232

■ 100, 36.235,
47.232

■ 43, 36.235, 47.232

■ 73, 36.235, 47.232

■ 33, 36.235, 47.232

■ 83, 36.235, 47.232

■ 23, 36.235, 47.232

■ 93, 36.235, 47.232

■ 13, 36.235, 47.232

■ 3, 36.235, 47.232

■ 0, 36.235, 47.232

■ 53, 36.235, 47.232

■ 53, 36.235, 47.232

■ 50, 44.521, 47.247

■ 56, 28.401, 47.359

■ 47, 53.086, 47.344

■ 60, 21.087, 47.614

44, 61.502, 47.365

64, 14.295, 47.980

42, 68.864, 46.911

67, 8.000, 48.424

41, 72.872, 46.645

71, 2.163, 48.804

75, 3.260, 229.756

79, 8.315, 230.289

83, 13.046,
230.909

87, 17.491,
231.549

Harmonies

Complementary

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



53, 36.235, 47.232



59, 25.073, 235.917

Rectangle

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



53, 36.235, 47.232



53, 36.235, 97.232



53, 36.235, 227.232



53, 36.235, 277.232

Sweetspot

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



53, 36.234, 47.236



84, 11.515, 48.315



49, 51.998, 336.959



44, 7.899, 48.222



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



53, 36.234, 47.236



63, 56.560, 47.264



65, 41.200, 91.734



36, 3.206, 48.633



35, 64.845, 47.022



3, 7.692, 41.487

Inverse Universe

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



59, 25.073, 235.917



72, 35.343, 239.009



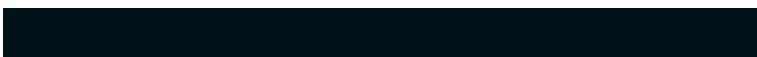
46, 43.866, 287.721



36, 3.047, 229.951



43, 32.330, 251.749



5, 7.541, 241.601

Previews

White Background



This preview shows how the CIELCh color 53, 36.235, 47.232 looks on a white background.

Color Contrast Check

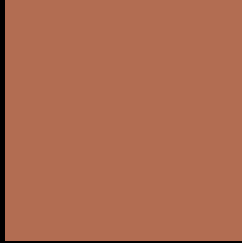
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.235, 47.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

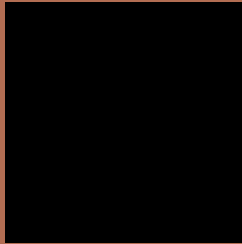
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 36.235, 47.232

Background



This preview shows how black text looks on a background with the CIELCh color 53, 36.235, 47.232.



This preview shows how white text looks on a background with the CIELCh color 53, 36.235, 47.232.

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, 36.235, 47.232

Protanopia

53, 22.183, 95.891

Deuteranopia

53, 28.037, 75.618



Tritanopia
53, 32.073, 15.522

Trichromacy



Original Color
53, 36.235, 47.232

Protanomaly
53, 24.659, 71.652

Deuteranomaly
53, 29.856, 63.668

Tritanomaly
53, 32.273, 27.310

Monochromacy



Original Color
53, 36.235, 47.232

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 12.274, 45.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 36.235, 47.232 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(178, 109, 82)` looks like.

```
.text, #text, p{  
    color:rgb(178, 109, 82)  
}
```

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(178, 109, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 109, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 36.235, 47.232 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(178, 109, 82) }
```

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

```
.border{ border-color:rgb(178, 109, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 109, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 109, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 109, 82);  
box-shadow:4px 4px 4px 4px rgb(178, 109,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 36.235, 47.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 109, 82) }
```

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

```
.background{ background-color: rgb(178,  
109, 82) }
```

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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