

Converting Colors

CIELCh(53, 28.839, 106.525)

Have a look what the booklet for
CIELCh(53, 28.839, 106.525)
contains.

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Color

CIELCh(53, 28.838, 106.522)

Conversions

Conversions Part 1

Format	Color
Hex	81814E
RGB	129, 129, 78
RGB Percent	51%, 51%, 31%
CMY	0.4927, 0.4927, 0.6928
CMYK	0.00, 0.00, 0.39, 0.49
HSL	60°, 25%, 41%
HSV	60°, 39%, 51%
XYZ	18.3942, 21.0462, 10.3644
YIQ	123.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

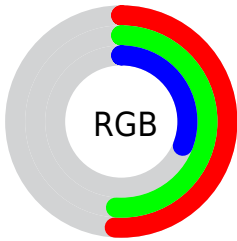
Format	Color
RYB	78, 129, 78
Decimal	8487246
CIELab	53.00, -8.20, 27.65
CIELCh	53, 28.838, 106.522
Yxy	21.0462, 0.3693, 0.4226
Android (android.graphics.Color)	4286677326 (0xFF81814E)
YUV	123.1860, -22.2767, 5.0989
Hunter-Lab	45.8761, -8.7130, 18.7185

Details

The CIELCh color **53, 28.838, 106.522** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **35, 31.773, 295.181**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 28.886, 106.525**, and **33, 28.803, 107.066** is the 20% darker color. If you saturate the color by 10%, you get **53, 35.702, 105.652**, and if you desaturate by 10%, it is **53, 21.702, 107.437**.

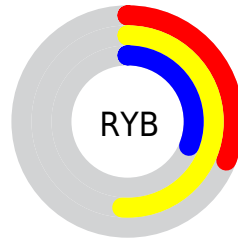
Distribution



Red (51%)

Green (51%)

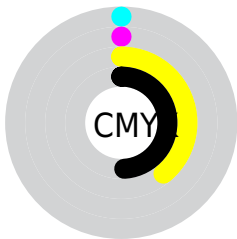
Blue (31%)



Red (31%)

Yellow (51%)

Blue (31%)

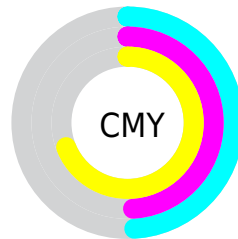


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (49%)



Cyan (49%)


Magenta (49%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 28.838, 106.522 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, 28.838, 106.522 by changing the saturation by 10% instead.


 53, 28.838,
106.522


 53, 28.838,
106.522


 100, 28.838,
106.522


 43, 28.838,
106.522


 73, 28.838,
106.522

 33, 28.838,
106.522

 83, 28.838,
106.522

 23, 28.838,
106.522

 93, 28.838,
106.522

 13, 28.838,
106.522

 3, 28.838, 106.522

 0, 28.838, 106.522

■ 53, 28.838,
106.522

■ 53, 28.838,
106.522

■ 53, 35.702,
105.652

■ 53, 21.702,
107.437

■ 53, 42.123,
104.844

■ 53, 14.403,
108.367

■ 53, 47.865,
104.132

■ 54, 7.012, 109.296

■ 52, 52.619,
103.554

■ 54, 0.421, 290.336

■ 55, 7.865, 291.133

■ 52, 56.064,
103.142

■ 55, 15.300,
292.004

■ 52, 58.443,
102.861

■ 55, 22.709,
292.843

■ 52, 58.577,
102.846

■ 56, 30.081,
293.646

■ 57, 37.407,
294.410

Harmonies

Complementary

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



53, 28.838, 106.522



35, 31.773, 295.181

Rectangle

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



53, 28.838, 106.522



53, 28.838, 156.522



53, 28.838, 286.522



53, 28.838, 336.522

Sweetspot

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



53, 28.839, 106.525



68, 11.043, 109.034



39, 23.263, 21.753



35, 7.289, 108.939



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 28.839, 106.525



67, 42.164, 105.767



51, 30.920, 126.691



27, 4.135, 109.329



52, 57.966, 102.846



0, 0.000, 0.000

Inverse Universe

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



35, 31.773, 295.181



41, 47.783, 296.726



38, 32.720, 310.422



24, 4.222, 291.074



13, 80.040, 306.285



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 53, 28.838, 106.522 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 CIELCh color 53, 28.838, 106.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

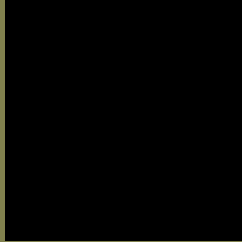
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 28.838, 106.522

Background



This preview shows how black text looks on a background with the CIELCh color 53, 28.838, 106.522.



This preview shows how white text looks on a background with the CIELCh color 53, 28.838, 106.522.

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, 28.838, 106.522

Protanopia

53, 28.833, 96.589

Deuteranopia

53, 28.037, 75.618



Tritanopia
53, 7.770, 332.186

Trichromacy



Original Color
53, 28.838, 106.522

Protanomaly
53, 29.059, 100.254

Deuteranomaly
53, 27.392, 87.437

Tritanomaly
53, 7.871, 80.783

Monochromacy



Original Color
53, 28.838, 106.522

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.947, 108.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 28.838, 106.522 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(129, 129, 78)` looks like.

```
.text, #text, p{  
    color:rgb(129, 129, 78)  
}
```

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(129, 129, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 129, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 28.838, 106.522 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(129, 129, 78) }
```

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

```
.border{ border-color:rgb(129, 129, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 129, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 129, 78); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 129, 78); box-shadow:4px 4px 4px 4px rgb(129, 129, 78) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 28.838, 106.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 129, 78) }
```

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

```
.background{ background-color: rgb(129,  
129, 78) }
```

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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