

Converting Colors

CIELCh(52, 26.096, 106.917)

Have a look what the booklet for
CIELCh(52, 26.096, 106.917)
contains.

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Color

CIELCh(52, 26.167, 106.826)

Conversions

Conversions Part 1

Format	Color
Hex	7F7F51
RGB	127, 127, 81
RGB Percent	50%, 50%, 32%
CMY	0.5036, 0.5035, 0.6838
CMYK	0.00, 0.00, 0.36, 0.50
HSL	60°, 22%, 41%
HSV	60°, 36%, 50%
XYZ	17.7002, 20.1443, 10.6656
YIQ	121.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

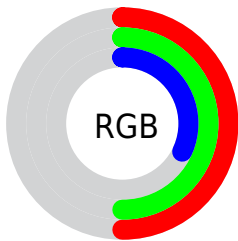
Format	Color
R_{YB}	81, 127, 81
Decimal	8355665
CIE Lab	52.00, -7.57, 25.05
CIE LCh	52, 26.167, 106.826
Yxy	20.1443, 0.3649, 0.4153
Android (android.graphics.Color)	4286545745 (0xFF7F7F51)
YUV	121.7560, -20.0927, 4.5990
Hunter-Lab	44.8824, -8.1494, 17.3283

Details

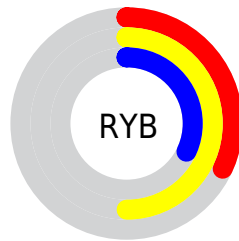
The CIELCh color $52, 26.167, 106.826$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $36, 28.554, 294.664$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 26.305, 107.576$, and $32, 26.134, 106.557$ is the 20% darker color. If you saturate the color by 10%, you get $52, 33.012, 105.943$, and if you desaturate by 10%, it is $52, 19.095, 107.747$.

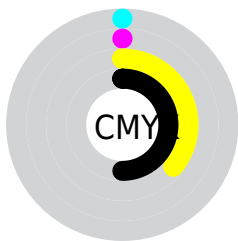
Distribution



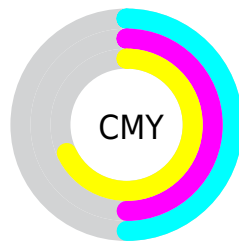
- Red (50%)
- Green (50%)
- Blue (32%)



- Red (32%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (50%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 26.167, 106.826 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 52, 26.167, 106.826 by changing the saturation by 10% instead.


 52, 26.167,
106.826


 52, 26.167,
106.826


 100, 26.167,
106.826


 42, 26.167,
106.826


 72, 26.167,
106.826

 32, 26.167,
106.826

 82, 26.167,
106.826

 22, 26.167,
106.826

 92, 26.167,
106.826

 12, 26.167,
106.826

 2, 26.167, 106.826

 0, 26.167, 106.826

■ 52, 26.167,
106.826

■ 52, 26.167,
106.826

■ 52, 33.012,
105.943

■ 52, 19.095,
107.747

■ 52, 39.483,
105.113

■ 53, 11.888,
108.676

■ 52, 45.373,
104.369

■ 53, 4.610, 109.598

■ 51, 50.398,
103.745

■ 53, 2.700, 290.539

■ 51, 54.238,
103.277

■ 54, 10.013,
291.418

■ 51, 56.791,
102.971

■ 54, 17.312,
292.278

■ 51, 57.675,
102.866

■ 54, 24.582,
293.104

■ 55, 31.812,
293.894

■ 56, 38.995,
294.643

Harmonies

Complementary

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



52, 26.167, 106.826



36, 28.554, 294.664

Rectangle

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



52, 26.167, 106.826



52, 26.167, 156.826



52, 26.167, 286.826



52, 26.167, 336.826

Sweetspot

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



52, 26.168, 106.829



68, 10.001, 109.144



39, 20.897, 22.543



35, 6.771, 109.041



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 26.168, 106.829



67, 39.153, 106.052



50, 28.145, 127.438



27, 4.136, 109.343



52, 57.970, 102.866



0, 0.000, 0.000

Inverse Universe

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



36, 28.554, 294.664



43, 43.905, 296.159



38, 29.573, 310.792



24, 4.222, 291.087



13, 80.045, 306.288



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 26.167, 106.826 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 52, 26.167, 106.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

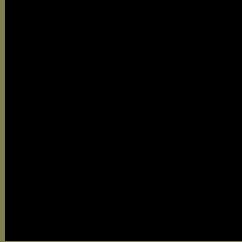
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 26.167, 106.826

Background



This preview shows how black text looks on a background with the CIELCh color 52, 26.167, 106.826.



This preview shows how white text looks on a background with the CIELCh color 52, 26.167, 106.826.

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

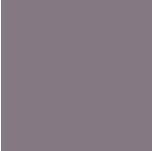
52, 26.167, 106.826

Protanopia

52, 25.672, 95.757

Deuteranopia

52, 25.618, 75.103



Tritanopia
52, 6.839, 330.359

Trichromacy



Original Color
52, 26.167, 106.826

Protanomaly
52, 25.881, 99.870

Deuteranomaly
52, 25.172, 87.080

Tritanomaly
52, 6.993, 84.702

Monochromacy



Original Color
52, 26.167, 106.826

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.840, 108.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 26.167, 106.826 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(127, 127, 81)` looks like.

```
.text, #text, p{  
    color:rgb(127, 127, 81)  
}
```

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(127, 127, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 127, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 26.167, 106.826 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(127, 127, 81) }
```

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

```
.border{ border-color:rgb(127, 127, 81) }
```

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

Here you see how a box with a 4 pixel rgb(127, 127, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 127, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 127, 81);  
box-shadow:4px 4px 4px 4px rgb(127, 127,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 26.167, 106.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 127, 81) }
```

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

```
.background{ background-color: rgb(127,  
127, 81) }
```

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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