

Converting Colors

CIELCh(52, 27.824, 142.055)

Have a look what the booklet for
CIELCh(52, 27.824, 142.055)
contains.

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Color

CIELCh(52, 28.014, 141.857)

Conversions

Conversions Part 1

Format	Color
Hex	5F865E
RGB	95, 134, 94
RGB Percent	37%, 53%, 37%
CMY	0.6291, 0.4762, 0.6329
CMYK	0.29, 0.00, 0.30, 0.48
HSL	119°, 18%, 45%
HSV	119°, 30%, 52%
XYZ	15.1453, 20.1443, 13.5856
YIQ	117.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

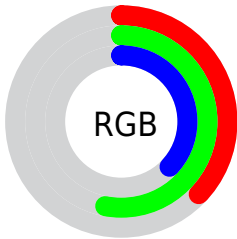
Format	Color
R_{YB}	94, 134, 133
Decimal	6260318
CIE _{Lab}	52.00, -22.03, 17.30
CIE _{LCh}	52, 28.014, 141.857
Yxy	20.1443, 0.3099, 0.4122
Android (android.graphics.Color)	4284450398 (0xFF5F865E)
YUV	117.7790, -11.7230, -19.9772
Hunter-Lab	44.8824, -18.3104, 13.4711

Details

The CIELCh color $52, 28.014, 141.857$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 28.051, 325.298$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 27.478, 141.807$, and $32, 28.158, 141.381$ is the 20% darker color. If you saturate the color by 10%, you get $51, 37.179, 141.005$, and if you desaturate by 10%, it is $53, 18.653, 142.605$.

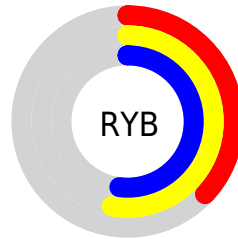
Distribution



Red (37%)

Green (53%)

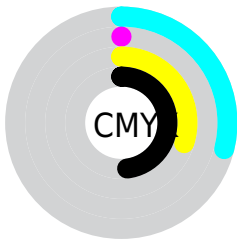
Blue (37%)



Red (37%)

Yellow (53%)

Blue (52%)

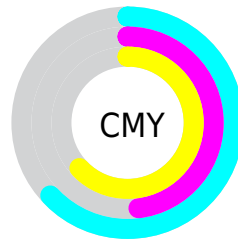


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (48%)



Cyan (63%)

Magenta (48%)


Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 28.014, 141.857 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, 28.014, 141.857 by changing the saturation by 10% instead.

 52, 28.014,
141.857

 52, 28.014,
141.857

 100, 28.014,
141.857


 42, 28.014,
141.857


 72, 28.014,
141.857

 32, 28.014,
141.857

 82, 28.014,
141.857

 22, 28.014,
141.857

 92, 28.014,
141.857

 12, 28.014,
141.857

 2, 28.014, 141.857

 0, 28.014, 141.857

■ 52, 28.014,
141.857

■ 52, 28.014,
141.857

■ 51, 37.179,
141.005

■ 53, 18.653,
142.605

■ 50, 45.941,
140.055

■ 54, 9.251, 143.258

■ 56, 0.074, 321.243

■ 50, 54.044,
139.038

■ 57, 9.238, 324.234

■ 49, 61.177,
138.018

■ 59, 18.186,
324.641

■ 49, 66.987,
137.099

■ 61, 26.883,
324.982

■ 48, 71.133,
136.411


■ 62, 35.311,
325.272

■ 48, 73.925,
135.869

■ 64, 43.464,
325.519

■ 48, 73.945,

135.865

 66, 51.342,
325.731

Harmonies

Complementary

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



52, 28.014, 141.857



45, 28.051, 325.298

Rectangle

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



52, 28.014, 141.857



52, 28.014, 191.857



52, 28.014, 321.857



52, 28.014, 11.857

Sweetspot

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



52, 28.015, 141.857



69, 10.375, 143.302



54, 21.940, 105.942



36, 7.184, 143.225



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 28.015, 141.857



65, 41.581, 141.282



52, 19.987, 159.293



27, 5.221, 143.307



47, 72.524, 135.860



1, 1.246, 143.784

Inverse Universe

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



45, 28.051, 325.298



55, 41.607, 325.632



45, 20.595, 344.461



26, 5.231, 324.228



30, 70.200, 327.285



0, 1.246, 323.780

Previews

White Background



This preview shows how the CIELCh color 52, 28.014, 141.857 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, 28.014, 141.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

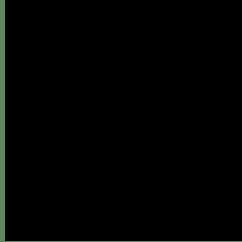
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 28.014, 141.857

Background



This preview shows how black text looks on a background with the CIELCh color 52, 28.014, 141.857.



This preview shows how white text looks on a background with the CIELCh color 52, 28.014, 141.857.

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, 28.014, 141.857

Protanopia

52, 20.082, 94.888

Deuteranopia

52, 17.277, 67.021



Tritanopia
52, 10.639, 231.901

Trichromacy



Original Color
52, 28.014, 141.857

Protanomaly
52, 20.918, 117.054

Deuteranomaly
52, 16.183, 103.489

Tritanomaly
52, 12.486, 176.217

Monochromacy



Original Color
52, 28.014, 141.857

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 10.491, 142.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 28.014, 141.857 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(95, 134, 94)` looks like.

```
.text, #text, p{  
    color:rgb(95, 134, 94)  
}
```

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(95, 134, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 134, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 28.014, 141.857 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(95, 134, 94) }
```

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

```
.border{ border-color:rgb(95, 134, 94) }
```

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

Here you see how a box with a 4 pixel rgb(95, 134, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 134, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 134, 94);  
box-shadow:4px 4px 4px 4px rgb(95, 134,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 28.014, 141.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 134, 94) }
```

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

```
.background{ background-color: rgb(95, 134,  
94) }
```

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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