

Converting Colors

CIELCh(52, 37.819, 141.513)

Have a look what the booklet for
CIELCh(52, 37.819, 141.513)
contains.

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Color

CIELCh(52, 37.812, 141.566)

Conversions

Conversions Part 1

Format	Color
Hex	528852
RGB	82, 136, 82
RGB Percent	32%, 53%, 32%
CMY	0.6769, 0.4651, 0.6770
CMYK	0.40, 0.00, 0.40, 0.47
HSL	120°, 25%, 43%
HSV	120°, 40%, 53%
XYZ	13.9089, 20.1443, 11.2099
YIQ	113.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

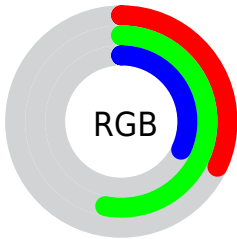
Format	Color
R_{YB}	82, 136, 136
Decimal	5408850
CIE _{Lab}	52.00, -29.62, 23.50
CIE _{LCh}	52, 37.812, 141.566
Y _{xy}	20.1443, 0.3073, 0.4450
Android (android.graphics.Color)	4283598930 (0xFF528852)
YUV	113.6980, -15.6271, -27.7991
Hunter-Lab	44.8824, -23.2277, 16.6093

Details

The CIELCh color **52, 37.812, 141.566** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **43, 37.753, 326.479**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 37.964, 141.505**, and **32, 38.059, 141.687** is the 20% darker color. If you saturate the color by 10%, you get **51, 46.777, 140.568**, and if you desaturate by 10%, it is **53, 28.424, 142.457**.

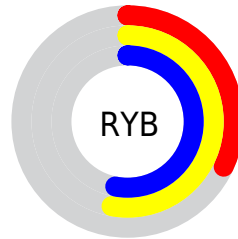
Distribution



Red (32%)

Green (53%)

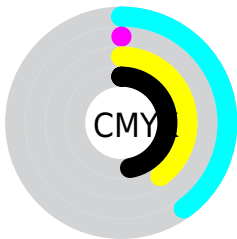
Blue (32%)



Red (32%)

Yellow (53%)

Blue (53%)

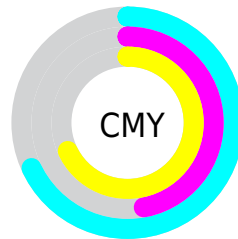


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (47%)



Cyan (68%)


Magenta (47%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 37.812, 141.566 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, 37.812, 141.566 by changing the saturation by 10% instead.


 52, 37.812,
141.566


 52, 37.812,
141.566


 100, 37.812,
141.566


 42, 37.812,
141.566


 72, 37.812,
141.566

 32, 37.812,
141.566

 82, 37.812,
141.566

 22, 37.812,
141.566

 92, 37.812,
141.566

 12, 37.812,
141.566

 2, 37.812, 141.566

 0, 37.812, 141.566

■ 52, 37.812,
141.566

■ 52, 37.812,
141.566

■ 51, 46.777,
140.568

■ 53, 28.424,
142.457

■ 50, 55.047,
139.488

■ 54, 18.826,
143.233

■ 50, 62.304,
138.392

■ 55, 9.186, 143.908

■ 50, 68.185,
137.383

■ 57, 0.372, 323.930

■ 58, 9.759, 324.913

■ 49, 72.350,
136.596

■ 60, 18.917,
325.331

■ 49, 75.120,
136.036

■ 62, 27.809,
325.681

■ 49, 75.227,
136.014

■ 64, 36.417,
325.979

■ 66, 44.736,
326.233

Harmonies

Complementary

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



52, 37.812, 141.566



43, 37.753, 326.479

Rectangle

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



52, 37.812, 141.566



52, 37.812, 191.566



52, 37.812, 321.566



52, 37.812, 11.566

Sweetspot

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



52, 37.813, 141.566



71, 14.305, 143.737



55, 29.785, 105.766



37, 9.457, 143.667



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 37.813, 141.566



66, 56.421, 140.623



53, 26.324, 159.054



28, 5.432, 143.937



48, 73.705, 136.014



1, 2.511, 144.434

Inverse Universe

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



43, 37.753, 326.479



52, 56.177, 326.915



42, 27.445, 346.451



27, 5.440, 324.895



31, 71.117, 328.219



0, 2.511, 324.430

Previews

White Background



This preview shows how the CIELCh color 52, 37.812, 141.566 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, 37.812, 141.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

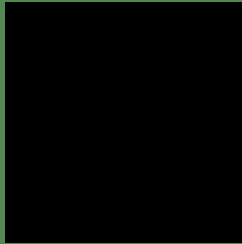
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 37.812, 141.566

Background



This preview shows how black text looks on a background with the CIELCh color 52, 37.812, 141.566.



This preview shows how white text looks on a background with the CIELCh color 52, 37.812, 141.566.

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, 37.812, 141.566

Protanopia
52, 26.896, 95.043

Deuteranopia
52, 22.440, 72.151



Tritanopia
52, 13.783, 223.353

Trichromacy



Original Color
52, 37.812, 141.566

Protanomaly
52, 28.328, 117.389

Deuteranomaly
51, 22.902, 108.320

Tritanomaly
52, 17.695, 172.267

Monochromacy



Original Color
52, 37.812, 141.566

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 14.113, 142.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 37.812, 141.566 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(82, 136, 82)` looks like.

```
.text, #text, p{  
    color:rgb(82, 136, 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(82, 136, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 136, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 37.812, 141.566 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(82, 136, 82) }
```

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

```
.border{ border-color:rgb(82, 136, 82) }
```

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

Here you see how a box with a 4 pixel rgb(82, 136, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 136, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 136, 82);  
box-shadow:4px 4px 4px 4px rgb(82, 136,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 37.812, 141.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 136, 82) }
```

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

```
.background{ background-color: rgb(82, 136,  
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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