

Converting Colors

CIELCh(52, 14.092, 123.078)

Have a look what the booklet for
CIELCh(52, 14.092, 123.078)
contains.

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Color

CIELCh(52, 13.683, 122.659)

Conversions

Conversions Part 1

Format	Color
Hex	777F68
RGB	119, 127, 104
RGB Percent	47%, 50%, 41%
CMY	0.5328, 0.5015, 0.5917
CMYK	0.06, 0.00, 0.18, 0.50
HSL	81°, 10%, 45%
HSV	81°, 18%, 50%
XYZ	17.7357, 20.1443, 16.0828
YIQ	121.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

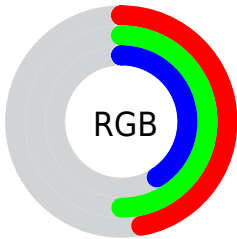
Format	Color
R_{YB}	104, 127, 112
Decimal	7831400
CIE Lab	52.00, -7.38, 11.52
CIE LCh	52, 13.683, 122.659
Yxy	20.1443, 0.3287, 0.3733
Android (android.graphics.Color)	4286021480 (0xFF777F68)
YUV	121.9860, -8.8671, -2.6187
Hunter-Lab	44.8824, -8.0084, 10.1722

Details

The CIELCh color $52, 13.683, 122.659$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 14.119, 304.586$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 13.990, 123.323$, and $32, 13.672, 123.553$ is the 20% darker color. If you saturate the color by 10%, you get $51, 21.186, 122.131$, and if you desaturate by 10%, it is $53, 6.124, 123.188$.

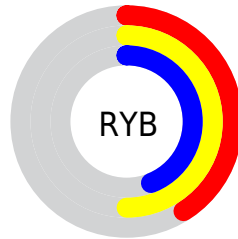
Distribution



Red (47%)

Green (50%)

Blue (41%)



Red (41%)

Yellow (50%)

Blue (44%)

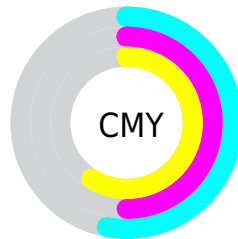


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (50%)



Cyan (53%)


Magenta (50%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 13.683, 122.659 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, 13.683, 122.659 by changing the saturation by 10% instead.


 52, 13.683,
122.659


 52, 13.683,
122.659


 100, 13.683,
122.659


 42, 13.683,
122.659


 72, 13.683,
122.659

 32, 13.683,
122.659

 82, 13.683,
122.659

 22, 13.683,
122.659

 92, 13.683,
122.659

 12, 13.683,
122.659

 2, 13.683, 122.659

 0, 13.683, 122.659

■ 52, 13.683,
122.659

■ 52, 13.683,
122.659

■ 51, 21.186,
122.131

■ 53, 6.124, 123.188

■ 51, 28.560,
121.612

■ 53, 1.447, 303.649

■ 54, 8.993, 304.152

■ 50, 35.705,
121.134

■ 55, 16.490,
304.599

■ 50, 42.474,
120.742

■ 56, 23.919,
305.012

■ 49, 48.656,
120.501

■ 57, 31.267,
305.394

■ 49, 53.974,
120.503

■ 58, 38.524,
305.745

■ 49, 58.114,
120.850

■ 59, 45.682,
306.066

■ 48, 61.148,

121.511

■ 60, 52.738,
306.359

■ 48, 61.724,
121.623

Harmonies

Complementary

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



52, 13.683, 122.659



46, 14.119, 304.586

Rectangle

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



52, 13.683, 122.659



52, 13.683, 172.659



52, 13.683, 302.659



52, 13.683, 352.659

Sweetspot

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



52, 13.684, 122.662



68, 4.694, 123.344



48, 7.944, 54.313



35, 3.228, 123.313



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, 13.684, 122.662



66, 20.646, 122.427



51, 15.532, 138.929



27, 4.273, 123.135



48, 61.856, 121.628



0, 0.000, 0.000

Inverse Universe

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



46, 14.119, 304.586



56, 21.474, 304.865



47, 15.641, 320.580



25, 4.345, 304.058



16, 76.718, 309.319



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 13.683, 122.659 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, 13.683, 122.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

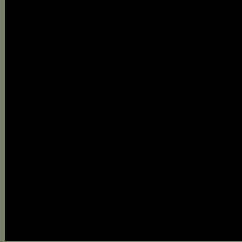
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

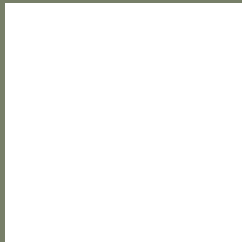
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 13.683, 122.659

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.683, 122.659.



This preview shows how white text looks on a background with the CIELCh color 52, 13.683, 122.659.

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, 13.683, 122.659

Protanopia

52, 13.043, 95.251

Deuteranopia

52, 12.494, 56.976



Tritanopia
52, 5.815, 290.918

Trichromacy



Original Color
52, 13.683, 122.659

Protanomaly
52, 12.707, 104.715

Deuteranomaly
52, 11.106, 81.435

Tritanomaly
52, 2.119, 144.400

Monochromacy



Original Color
52, 13.683, 122.659

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 5.364, 122.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.683, 122.659 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(119, 127, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 127, 104)  
}
```

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(119, 127, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 127, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.683, 122.659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

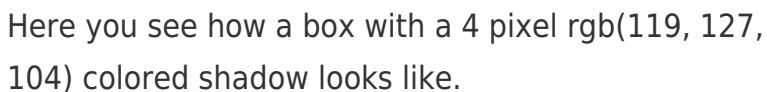
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 127, 104) }
```

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

```
.border{ border-color:rgb(119, 127, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 127, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 127, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 127, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 127,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.683, 122.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 127, 104) }
```

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

```
.background{ background-color: rgb(119,  
127, 104) }
```

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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