

Converting Colors

CIELCh(52, 8.194, 117.844)

Have a look what the booklet for
CIELCh(52, 8.194, 117.844) contains.

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Color

CIELCh(52, 8.182, 117.842)

Conversions

Conversions Part 1

Format	Color
Hex	7B7E70
RGB	123, 126, 112
RGB Percent	48%, 49%, 44%
CMY	0.5194, 0.5076, 0.5625
CMYK	0.02, 0.00, 0.11, 0.51
HSL	73°, 6%, 46%
HSV	73°, 11%, 49%
XYZ	18.4074, 20.1443, 18.1186
YIQ	123.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

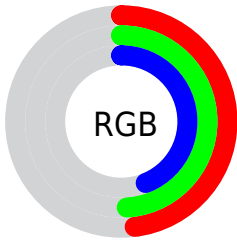
Format	Color
R_{YB}	112, 126, 115
Decimal	8093296
CIE Lab	52.00, -3.82, 7.23
CIE LCh	52, 8.182, 117.842
Yxy	20.1443, 0.3248, 0.3555
Android (android.graphics.Color)	4286283376 (0xFF7B7E70)
YUV	123.5070, -5.6730, -0.4446
Hunter-Lab	44.8824, -5.3368, 7.4829

Details

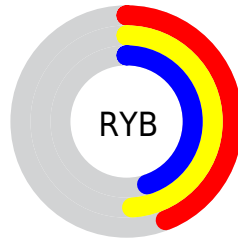
The CIELCh color $52, 8.182, 117.842$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 8.372, 299.297$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.277, 120.050$, and $32, 8.292, 118.196$ is the 20% darker color. If you saturate the color by 10%, you get $51, 15.491, 117.201$, and if you desaturate by 10%, it is $53, 0.835, 118.494$.

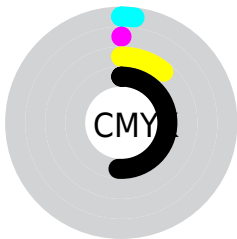
Distribution



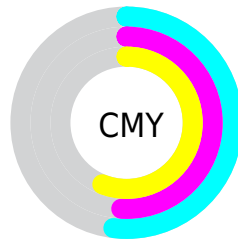
- Red (48%)
- Green (49%)
- Blue (44%)



- Red (44%)
- Yellow (49%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.182, 117.842 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, 8.182, 117.842 by changing the saturation by 10% instead.

■ 52, 8.182, 117.842

■ 52, 8.182, 117.842

■ 100, 8.182,
117.842

■ 42, 8.182, 117.842

■ 72, 8.182, 117.842

■ 32, 8.182, 117.842

■ 82, 8.182, 117.842

■ 22, 8.182, 117.842

■ 92, 8.182, 117.842

■ 12, 8.182, 117.842

■ 2, 8.182, 117.842

■ 0, 8.182, 117.842

■ 52, 8.182, 117.842

■ 52, 8.182, 117.842

■ 51, 15.491,
117.201

■ 53, 0.835, 118.494

■ 53, 6.518, 299.088

■ 51, 22.708,
116.556

■ 54, 13.849,
299.671

■ 51, 29.758,
115.932

■ 54, 21.141,
300.222

■ 50, 36.530,
115.362

■ 55, 28.379,
300.740

■ 50, 42.859,
114.889

■ 56, 35.552,
301.224

■ 50, 48.512,
114.575

■ 57, 42.652,
301.675

■ 49, 53.193,
114.500

■ 58, 49.674,
302.093

■ 49, 56.599,
114.749

■ 58, 56.611,
302.482

■ 49, 58.942,
115.119

Harmonies

Complementary

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



52, 8.182, 117.842



48, 8.372, 299.297

Rectangle

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



52, 8.182, 117.842



52, 8.182, 167.842



52, 8.182, 297.842



52, 8.182, 347.842

Sweetspot

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



52, 8.183, 117.848



67, 2.726, 118.364



49, 4.922, 39.205



35, 2.057, 118.318



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



52, 8.183, 117.848



66, 11.826, 117.709



51, 9.072, 135.286



27, 4.191, 117.978



50, 59.604, 115.137



0, 0.000, 0.000

Inverse Universe

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



48, 8.372, 299.297



60, 12.148, 299.457



48, 9.152, 316.167



24, 4.272, 299.152



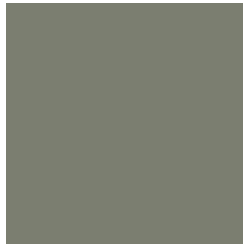
14, 78.434, 307.617



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 8.182, 117.842 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, 8.182, 117.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

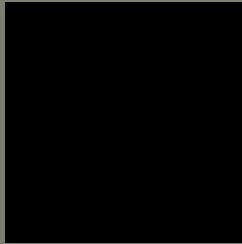
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

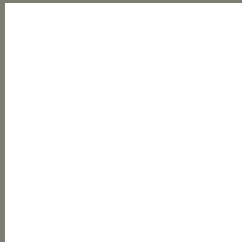
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 8.182, 117.842

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.182, 117.842.



This preview shows how white text looks on a background with the CIELCh color 52, 8.182, 117.842.

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, 8.182, 117.842

Protanopia

52, 7.789, 93.676

Deuteranopia

52, 9.511, 41.568



Tritanopia
52, 5.377, 303.402

Trichromacy



Original Color
52, 8.182, 117.842

Protanomaly
52, 8.120, 103.262

Deuteranomaly
52, 7.545, 63.303

Tritanomaly
52, 0.714, 324.228

Monochromacy



Original Color
52, 8.182, 117.842

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.924, 117.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.182, 117.842 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(123, 126, 112)` looks like.

```
.text, #text, p{  
    color:rgb(123, 126, 112)  
}
```

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(123, 126, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 126, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.182, 117.842 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(123, 126, 112) }
```

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

```
.border{ border-color:rgb(123, 126, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 126, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 126, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 126, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 126,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.182, 117.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 126, 112) }
```

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

```
.background{ background-color: rgb(123,  
126, 112) }
```

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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