

Converting Colors

CIELCh(52, 9.234, 125.833)

Have a look what the booklet for
CIELCh(52, 9.234, 125.833) contains.

CIELCh(52, 9.028, 124.946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 9.028, 124.946)

Conversions

Conversions Part 1

Format	Color
Hex	787E6F
RGB	120, 126, 111
RGB Percent	47%, 49%, 44%
CMY	0.5285, 0.5049, 0.5638
CMYK	0.05, 0.00, 0.12, 0.50
HSL	84°, 6%, 47%
HSV	84°, 12%, 50%
XYZ	18.1509, 20.1443, 18.0371
YIQ	122.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

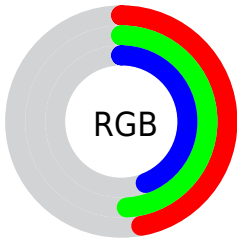
Format	Color
R _Y B	111, 126, 117
Decimal	7896687
CIE Lab	52.00, -5.17, 7.40
CIE LCh	52, 9.028, 124.946
Yxy	20.1443, 0.3222, 0.3576
Android (android.graphics.Color)	4286086767 (0xFF787E6F)
YUV	122.4960, -5.6675, -2.1890
Hunter-Lab	44.8824, -6.3570, 7.5906

Details

The CIELCh color **52, 9.028, 124.946** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 9.205, 306.082**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 9.097, 126.452**, and **32, 9.108, 123.070** is the 20% darker color. If you saturate the color by 10%, you get **51, 16.614, 124.454**, and if you desaturate by 10%, it is **53, 1.427, 125.460**.

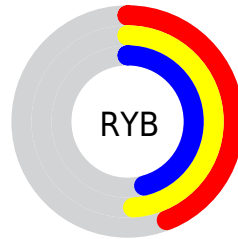
Distribution



Red (47%)

Green (49%)

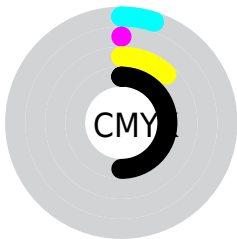
Blue (44%)



Red (44%)

Yellow (49%)

Blue (46%)

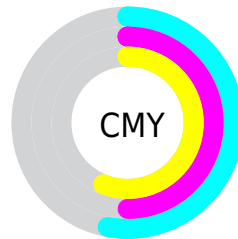


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 9.028, 124.946 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, 9.028, 124.946 by changing the saturation by 10% instead.

■ 52, 9.028, 124.946

■ 52, 9.028, 124.946

■ 100, 9.028,
124.946

■ 42, 9.028, 124.946

■ 72, 9.028, 124.946

■ 32, 9.028, 124.946

■ 82, 9.028, 124.946

■ 22, 9.028, 124.946

■ 92, 9.028, 124.946

■ 12, 9.028, 124.946

■ 2, 9.028, 124.946

■ 0, 9.028, 124.946

■ 52, 9.028, 124.946

■ 52, 9.028, 124.946

■ 51, 16.614,
124.454

■ 53, 1.427, 125.460

■ 54, 6.154, 305.857

■ 51, 24.124,
123.955

■ 54, 13.684,
306.280

■ 50, 31.480,
123.474

■ 55, 21.143,
306.668

■ 50, 38.565,
123.046

■ 56, 28.514,
307.023

■ 49, 45.210,
122.725

■ 57, 35.787,
307.347

■ 49, 51.182,
122.587

■ 58, 42.956,
307.642

■ 48, 56.185,
122.735

■ 59, 50.013,
307.909

■ 48, 59.922,
123.275

■ 60, 56.958,
308.151

■ 48, 62.426,
123.825

Harmonies

Complementary

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



52, 9.028, 124.946



48, 9.205, 306.082

Rectangle

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



52, 9.028, 124.946



52, 9.028, 174.946



52, 9.028, 304.946



52, 9.028, 354.946

Sweetspot

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



52, 9.029, 124.950



67, 3.741, 125.335



50, 5.118, 62.678



34, 2.646, 125.302



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, 9.029, 124.950



66, 13.120, 124.830



51, 10.334, 141.132



27, 4.315, 125.086



48, 62.883, 123.842



0, 0.000, 0.000

Inverse Universe

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



48, 9.205, 306.082



60, 13.424, 306.212



49, 10.370, 322.251



25, 4.382, 305.936



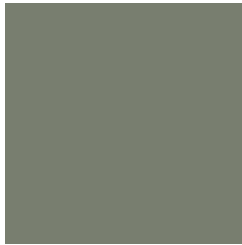
17, 75.943, 310.205



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 9.028, 124.946 looks on a white background.

Color Contrast Check

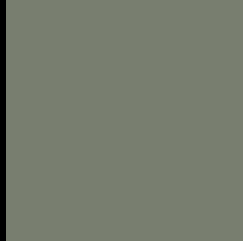
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.028, 124.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

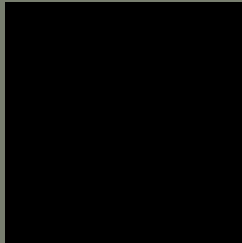
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

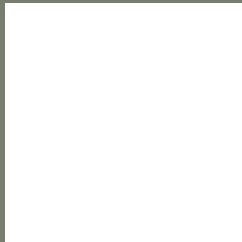
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 9.028, 124.946

Background



This preview shows how black text looks on a background with the CIELCh color 52, 9.028, 124.946.



This preview shows how white text looks on a background with the CIELCh color 52, 9.028, 124.946.

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, 9.028, 124.946

Protanopia

52, 7.923, 90.727

Deuteranopia

52, 9.511, 41.568



Tritanopia
52, 5.815, 290.918

Trichromacy



Original Color

52, 9.028, 124.946

Protanomaly

52, 8.131, 103.252

Deuteranomaly

52, 7.395, 70.948

Tritanomaly

52, 0.978, 236.236

Monochromacy



Original Color

52, 9.028, 124.946

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 3.012, 125.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 9.028, 124.946 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(120, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(120, 126, 111)  
}
```

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(120, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 126, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 9.028, 124.946 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(120, 126, 111) }
```

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

```
.border{ border-color:rgb(120, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(120, 126,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 9.028, 124.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 126, 111) }
```

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

```
.background{ background-color: rgb(120,  
126, 111) }
```

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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