

Converting Colors

CIELCh(52, 12.937, 43.206)

Have a look what the booklet for
CIELCh(52, 12.937, 43.206) contains.

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Color

CIELCh(52, 13.123, 43.756)

Conversions

Conversions Part 1

Format	Color
Hex	92766D
RGB	146, 118, 109
RGB Percent	57%, 46%, 43%
CMY	0.4278, 0.5375, 0.5728
CMYK	0.00, 0.19, 0.25, 0.43
HSL	15°, 15%, 50%
HSV	15°, 25%, 57%
XYZ	21.0648, 20.1443, 17.2242
YIQ	125.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

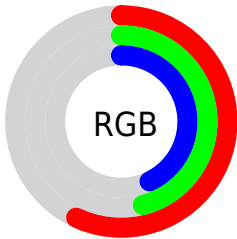
Format	Color
R_{YB}	146, 121, 109
Decimal	9598573
CIE Lab	52.00, 9.48, 9.08
CIE LCh	52, 13.123, 43.756
Yxy	20.1443, 0.3605, 0.3447
Android (android.graphics.Color)	4287788653 (0xFF92766D)
YUV	125.3460, -8.0586, 18.1136
Hunter-Lab	44.8824, 5.2318, 8.6645

Details

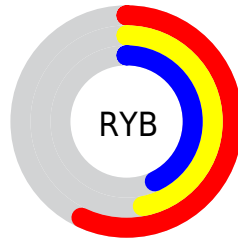
The CIELCh color $52, 13.123, 43.756$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 11.191, 226.206$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 13.092, 44.611$, and $32, 13.045, 43.556$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.044, 43.631$, and if you desaturate by 10%, it is $55, 7.638, 43.999$.

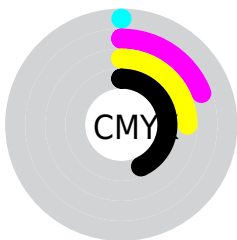
Distribution



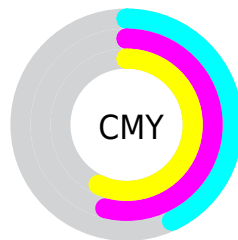
- Red (57%)
- Green (46%)
- Blue (43%)



- Red (57%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 13.123, 43.756 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, 13.123, 43.756 by changing the saturation by 10% instead.

■ 52, 13.123, 43.756

■ 52, 13.123, 43.756

■ 100, 13.123,
43.756

■ 42, 13.123, 43.756

■ 72, 13.123, 43.756

■ 32, 13.123, 43.756

■ 82, 13.123, 43.756

■ 22, 13.123, 43.756

■ 92, 13.123, 43.756

■ 12, 13.123, 43.756

■ 2, 13.123, 43.756

■ 0, 13.123, 43.756

■ 52, 13.123, 43.756

■ 52, 13.123, 43.756

■ 49, 19.044, 43.631

■ 55, 7.638, 43.999

■ 46, 25.421, 43.634

■ 59, 2.561, 44.236

43, 32.244, 43.800

62, 2.146, 225.006

40, 39.452, 44.136

66, 6.523, 225.331

37, 46.889, 44.602

69, 10.607,
225.794

35, 54.193, 45.039

73, 14.433,
226.290

33, 60.666, 45.122

33, 63.596, 45.390

76, 18.031,
226.801

80, 21.431,
227.317

83, 24.657,
227.832

Harmonies

Complementary

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



52, 13.123, 43.756



55, 11.191, 226.206

Rectangle

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



52, 13.123, 43.756



52, 13.123, 93.756



52, 13.123, 223.756



52, 13.123, 273.756

Sweetspot

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



52, 13.122, 43.765



73, 4.773, 44.189



50, 21.932, 333.341



38, 3.399, 44.155



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 13.122, 43.765



64, 19.556, 43.679



57, 15.951, 93.072



29, 2.774, 44.164



31, 60.652, 45.364



1, 2.350, 44.604

Inverse Universe

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



55, 11.191, 226.206



69, 16.060, 226.689



50, 16.156, 279.598



30, 2.631, 225.145



41, 28.564, 243.652



2, 2.350, 224.623

Previews

White Background



This preview shows how the CIELCh color 52, 13.123, 43.756 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 CIE LCh color 52, 13.123, 43.756 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, 13.123, 43.756

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.123, 43.756.



This preview shows how white text looks on a background with the CIELCh color 52, 13.123, 43.756.

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, 13.123, 43.756

Protanopia

52, 7.232, 92.567

Deuteranopia

52, 11.382, 53.951



Tritanopia
52, 14.038, 359.433

Trichromacy



Original Color
52, 13.123, 43.756

Protanomaly
52, 8.399, 68.752

Deuteranomaly
52, 11.815, 49.448

Tritanomaly
52, 12.512, 15.576

Monochromacy



Original Color
52, 13.123, 43.756

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.826, 40.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.123, 43.756 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(146, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(146, 118, 109)  
}
```

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(146, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 118, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.123, 43.756 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(146, 118, 109) }
```

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

```
.border{ border-color:rgb(146, 118, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 118, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(146, 118,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.123, 43.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 118, 109) }
```

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

```
.background{ background-color: rgb(146,  
118, 109) }
```

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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