

Converting Colors

CIELCh(52, 20.171, 18.894)

Have a look what the booklet for
CIELCh(52, 20.171, 18.894) contains.

CIELCh(52, 19.947, 18.526)	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, 19.947, 18.526)

Conversions

Conversions Part 1

Format	Color
Hex	9F7072
RGB	159, 112, 114
RGB Percent	62%, 44%, 45%
CMY	0.3768, 0.5611, 0.5533
CMYK	0.00, 0.30, 0.28, 0.38
HSL	357°, 20%, 53%
HSV	357°, 30%, 62%
XYZ	23.0974, 20.1443, 18.5655
YIQ	126.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

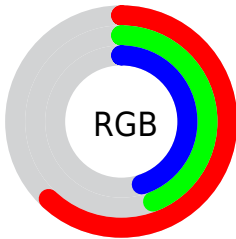
Format	Color
R_{YB}	159, 112, 114
Decimal	10449010
CIE _{Lab}	52.00, 18.91, 6.34
CIE _{LCh}	52, 19.947, 18.526
Yxy	20.1443, 0.3737, 0.3259
Android (android.graphics.Color)	4288639090 (0xFF9F7072)
YUV	126.2810, -6.0545, 28.6946
Hunter-Lab	44.8824, 13.3153, 6.8926

Details

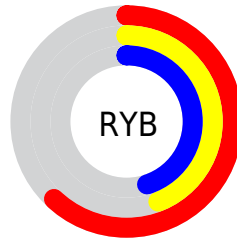
The CIELCh color $52, 19.947, 18.526$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 16.638, 194.057$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 20.101, 18.157$, and $32, 19.691, 19.331$ is the 20% darker color. If you saturate the color by 10%, you get $48, 27.549, 19.951$, and if you desaturate by 10%, it is $56, 12.753, 17.407$.

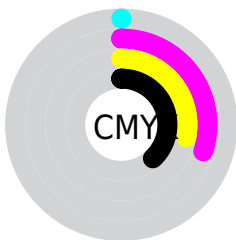
Distribution



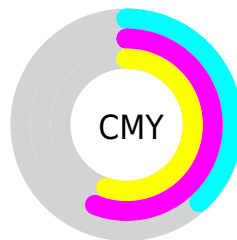
- Red (62%)
- Green (44%)
- Blue (45%)



- Red (62%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 19.947, 18.526 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, 19.947, 18.526 by changing the saturation by 10% instead.

■ 52, 19.947, 18.526

■ 52, 19.947, 18.526

■ 100, 19.947,
18.526

■ 42, 19.947, 18.526

■ 72, 19.947, 18.526

■ 32, 19.947, 18.526

■ 82, 19.947, 18.526

■ 22, 19.947, 18.526

■ 92, 19.947, 18.526

■ 12, 19.947, 18.526

■ 2, 19.947, 18.526

■ 0, 19.947, 18.526

■ 52, 19.947, 18.526

■ 52, 19.947, 18.526

■ 48, 27.549, 19.951

■ 56, 12.753, 17.407

■ 44, 35.459, 21.767

■ 61, 6.018, 16.484

40, 43.503, 24.092

66, 0.259, 197.626

37, 51.442, 27.025

70, 6.099, 195.344

35, 58.993, 30.577

75, 11.536,
194.827

34, 65.773, 34.497

80, 16.610,
194.412

33, 71.237, 37.841

33, 71.454, 37.953

85, 21.362,
194.063

89, 25.830,
193.765

94, 30.048,
193.507

Harmonies

Complementary

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



52, 19.947, 18.526



62, 16.638, 194.057

Rectangle

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



52, 19.947, 18.526



52, 19.947, 68.526



52, 19.947, 198.526



52, 19.947, 248.526

Sweetspot

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



52, 19.945, 18.531



78, 6.996, 16.449



53, 31.731, 324.574



41, 4.925, 16.570



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



52, 19.945, 18.531



63, 29.810, 19.355



57, 16.440, 66.488



31, 3.536, 16.455



29, 65.649, 37.454



1, 4.484, 16.052

Inverse Universe

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



52, 19.945, 18.531



63, 29.810, 19.355



56, 14.798, 254.127



31, 3.536, 16.455



29, 65.649, 37.454



1, 4.484, 16.052

Previews

White Background



This preview shows how the CIELCh color 52, 19.947, 18.526 looks on a white background.

Color Contrast Check

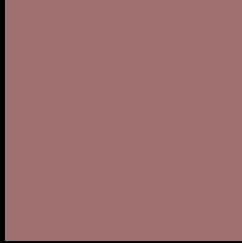
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.947, 18.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

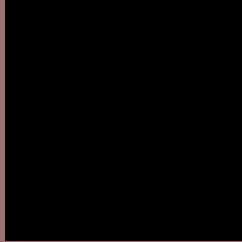
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 19.947, 18.526

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.947, 18.526.



This preview shows how white text looks on a background with the CIELCh color 52, 19.947, 18.526.

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, 19.947, 18.526

Protanopia

52, 2.601, 81.989

Deuteranopia

52, 10.031, 47.522



Tritanopia
52, 20.558, 7.475

Trichromacy



Original Color
52, 19.947, 18.526

Protanomaly
52, 7.953, 28.540

Deuteranomaly
52, 13.358, 30.710

Tritanomaly
52, 20.431, 10.650

Monochromacy



Original Color
52, 19.947, 18.526

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 6.973, 15.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.947, 18.526 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(159, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 114)  
}
```

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(159, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.947, 18.526 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(159, 112, 114) }
```

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

```
.border{ border-color:rgb(159, 112, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 112, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.947, 18.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 114) }
```

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

```
.background{ background-color: rgb(159,  
112, 114) }
```

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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