

Converting Colors

CIELCh(52, 18.362, 76.352)

Have a look what the booklet for
CIELCh(52, 18.362, 76.352) contains.

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Color

CIELCh(52, 18.259, 77.591)

Conversions

Conversions Part 1

Format	Color
Hex	8E795E
RGB	142, 121, 94
RGB Percent	56%, 47%, 37%
CMY	0.4442, 0.5265, 0.6323
CMYK	0.00, 0.15, 0.34, 0.44
HSL	34°, 20%, 46%
HSV	34°, 34%, 56%
XYZ	19.9258, 20.1443, 13.3705
YIQ	124.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

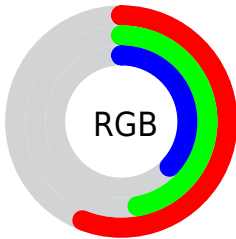
Format	Color
R_{YB}	131, 142, 94
Decimal	9337182
CIE _{Lab}	52.00, 3.92, 17.83
CIE _{LCh}	52, 18.259, 77.591
Yxy	20.1443, 0.3729, 0.3769
Android (android.graphics.Color)	4287527262 (0xFF8E795E)
YUV	124.2010, -14.8891, 15.6097
Hunter-Lab	44.8824, 0.7019, 13.7552

Details

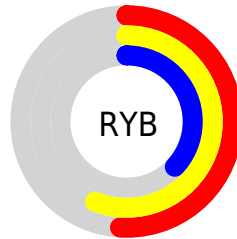
The CIELCh color $52, 18.259, 77.591$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 17.254, 267.255$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 17.890, 77.197$, and $32, 18.229, 77.889$ is the 20% darker color. If you saturate the color by 10%, you get $50, 24.057, 76.274$, and if you desaturate by 10%, it is $54, 12.640, 78.890$.

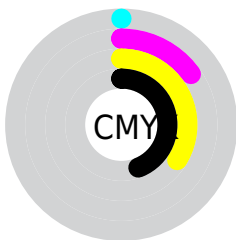
Distribution



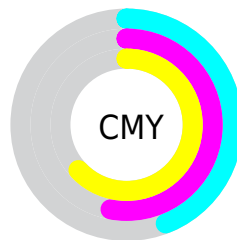
- Red (56%)
- Green (47%)
- Blue (37%)



- Red (51%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 18.259, 77.591 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, 18.259, 77.591 by changing the saturation by 10% instead.

■ 52, 18.259, 77.591

■ 52, 18.259, 77.591

■ 100, 18.259,
77.591

■ 42, 18.259, 77.591

■ 72, 18.259, 77.591

■ 32, 18.259, 77.591

■ 82, 18.259, 77.591

■ 22, 18.259, 77.591

■ 92, 18.259, 77.591

■ 12, 18.259, 77.591

■ 2, 18.259, 77.591

■ 0, 18.259, 77.591

■ 52, 18.259, 77.591

■ 52, 18.259, 77.591

■ 50, 24.057, 76.274

■ 54, 12.640, 78.890

■ 48, 29.993, 74.917

■ 56, 7.210, 80.146

46, 35.971, 73.505

58, 1.966, 81.291

45, 41.793, 71.986

60, 3.104, 262.696

43, 47.093, 70.248

62, 8.014, 263.805

41, 51.299, 68.088

64, 12.779,
264.907

40, 53.775, 66.814

67, 17.414,
265.968

69, 21.933,
266.983

71, 26.347,
267.951

Harmonies

Complementary

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



52, 18.259, 77.591



48, 17.254, 267.255

Rectangle

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



52, 18.259, 77.591



52, 18.259, 127.591



52, 18.259, 257.591



52, 18.259, 307.591

Sweetspot

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



52, 18.259, 77.597



72, 6.387, 80.588



46, 23.310, 349.734



37, 4.352, 80.440



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 18.259, 77.597



64, 27.693, 76.540



58, 26.823, 109.231



29, 2.932, 80.709



38, 51.926, 66.983



1, 1.957, 81.878

Inverse Universe

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



48, 17.254, 267.255



58, 25.796, 269.003



42, 29.081, 295.911



28, 2.898, 263.119



26, 49.551, 288.464



1, 1.957, 261.888

Previews

White Background



This preview shows how the CIELCh color 52, 18.259, 77.591 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, 18.259, 77.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

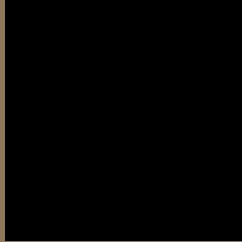
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 18.259, 77.591

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.259, 77.591.



This preview shows how white text looks on a background with the CIELCh color 52, 18.259, 77.591.

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, 18.259, 77.591

Protanopia

52, 17.166, 94.786

Deuteranopia

52, 18.963, 69.107



Tritanopia
52, 13.107, 354.850

Trichromacy



Original Color
52, 18.259, 77.591

Protanomaly
52, 17.154, 88.688

Deuteranomaly
52, 18.555, 73.266

Tritanomaly
52, 11.205, 32.396

Monochromacy



Original Color
52, 18.259, 77.591

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.467, 82.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.259, 77.591 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(142, 121, 94)` looks like.

```
.text, #text, p{  
    color:rgb(142, 121, 94)  
}
```

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(142, 121, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 121, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.259, 77.591 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(142, 121, 94) }
```

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

```
.border{ border-color:rgb(142, 121, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 121, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 121, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 121, 94);  
box-shadow:4px 4px 4px 4px rgb(142, 121,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.259, 77.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 121, 94) }
```

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

```
.background{ background-color: rgb(142,  
121, 94) }
```

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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