

Converting Colors

CIELCh(52, 11.485, 79.978)

Have a look what the booklet for
CIELCh(52, 11.485, 79.978) contains.

CIELCh(52, 11.316, 79.501)	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, 11.316, 79.501)

Conversions

Conversions Part 1

Format	Color
Hex	877A69
RGB	135, 122, 105
RGB Percent	53%, 48%, 41%
CMY	0.4700, 0.5209, 0.5876
CMYK	0.00, 0.10, 0.22, 0.47
HSL	34°, 12%, 47%
HSV	34°, 22%, 53%
XYZ	19.5535, 20.1443, 16.2629
YIQ	123.9490, 13.2050, -2.5310

Conversions

Conversions Part 2

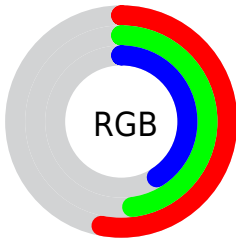
Format	Color
R_{YB}	128, 135, 105
Decimal	8878697
CIE _{Lab}	52.00, 2.06, 11.13
CIE _{LCh}	52, 11.316, 79.501
Yxy	20.1443, 0.3494, 0.3600
Android (android.graphics.Color)	4287068777 (0xFF877A69)
YUV	123.9490, -9.3419, 9.6917
Hunter-Lab	44.8824, -0.7788, 9.9343

Details

The CIELCh color **52, 11.316, 79.501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 10.939, 265.472**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 11.432, 77.954**, and **32, 11.122, 77.417** is the 20% darker color. If you saturate the color by 10%, you get **50, 16.700, 78.226**, and if you desaturate by 10%, it is **54, 6.111, 80.753**.

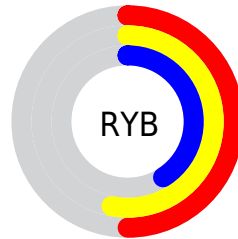
Distribution



Red (53%)

Green (48%)

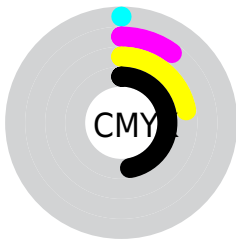
Blue (41%)



Red (50%)

Yellow (53%)

Blue (41%)

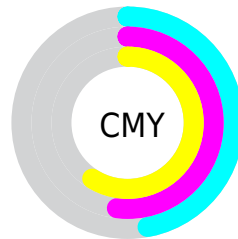


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 11.316, 79.501 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, 11.316, 79.501 by changing the saturation by 10% instead.

■ 52, 11.316, 79.501

■ 52, 11.316, 79.501

■ 100, 11.316,
79.501

■ 42, 11.316, 79.501

■ 72, 11.316, 79.501

■ 32, 11.316, 79.501

■ 82, 11.316, 79.501

■ 22, 11.316, 79.501

■ 92, 11.316, 79.501

■ 12, 11.316, 79.501

■ 2, 11.316, 79.501

■ 0, 11.316, 79.501

■ 52, 11.316, 79.501

■ 52, 11.316, 79.501

■ 50, 16.700, 78.226

■ 54, 6.111, 80.753

■ 48, 22.255, 76.911

■ 56, 1.080, 81.800

46, 27.946, 75.562

58, 3.789, 263.270

45, 33.695, 74.164

60, 8.509, 264.381

43, 39.333, 72.673

62, 13.094,
265.472

41, 44.547, 70.994

64, 17.558,
266.522

40, 48.820, 68.943

66, 21.913,
267.525

39, 51.882, 67.346

68, 26.170,
268.481

70, 30.340,
269.391

Harmonies

Complementary

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



52, 11.316, 79.501



49, 10.939, 265.472

Rectangle

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



52, 11.316, 79.501



52, 11.316, 129.501



52, 11.316, 259.501



52, 11.316, 309.501

Sweetspot

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



52, 11.317, 79.510



70, 4.309, 81.349



48, 14.450, 349.424



37, 2.824, 81.295



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 11.317, 79.510



65, 17.231, 78.821



55, 17.056, 110.949



28, 2.854, 81.116



38, 51.160, 67.416



1, 1.309, 82.278

Inverse Universe

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



49, 10.939, 265.472



61, 16.500, 266.419



46, 17.923, 294.965



27, 2.822, 263.512



26, 49.154, 288.714



1, 1.310, 262.289

Previews

White Background



This preview shows how the CIELCh color 52, 11.316, 79.501 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, 11.316, 79.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

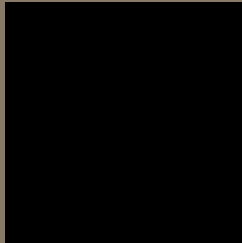
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 11.316, 79.501

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.316, 79.501.



This preview shows how white text looks on a background with the CIELCh color 52, 11.316, 79.501.

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, 11.316, 79.501

Protanopia

52, 10.696, 95.099

Deuteranopia

52, 12.850, 55.823



Tritanopia
52, 9.257, 346.223

Trichromacy



Original Color
52, 11.316, 79.501

Protanomaly
52, 10.547, 87.664

Deuteranomaly
52, 11.856, 62.832

Tritanomaly
52, 6.980, 20.135

Monochromacy



Original Color
52, 11.316, 79.501

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.019, 79.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.316, 79.501 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(135, 122, 105)` looks like.

```
.text, #text, p{  
    color:rgb(135, 122, 105)  
}
```

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(135, 122, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 122, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.316, 79.501 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(135, 122, 105) }
```

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

```
.border{ border-color:rgb(135, 122, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 122, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 122, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 122, 105);  
box-shadow:4px 4px 4px 4px rgb(135, 122,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.316, 79.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 122, 105) }
```

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

```
.background{ background-color: rgb(135,  
122, 105) }
```

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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