

Converting Colors

CIELCh(52, 2.886, 8.021)

Have a look what the booklet for
CIELCh(52, 2.886, 8.021) contains.

CIELCh(52, 2.886, 8.021)	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, 2.886, 8.021)

Conversions

Conversions Part 1

Format	Color
Hex	817A7B
RGB	129, 122, 123
RGB Percent	51%, 48%, 48%
CMY	0.4927, 0.5201, 0.5162
CMYK	0.00, 0.05, 0.05, 0.49
HSL	351°, 3%, 49%
HSV	351°, 5%, 51%
XYZ	19.7121, 20.1443, 21.7085
YIQ	124.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

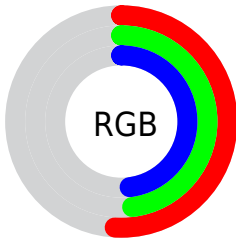
Format	Color
R _Y B	129, 122, 123
Decimal	8485499
CIE Lab	52.00, 2.86, 0.40
CIE LCh	52, 2.886, 8.021
Yxy	20.1443, 0.3202, 0.3272
Android (android.graphics.Color)	4286675579 (0xFF817A7B)
YUV	124.2070, -0.5951, 4.2035
Hunter-Lab	44.8824, -0.1481, 2.7406

Details

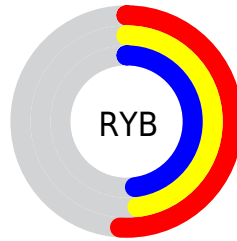
The CIELCh color $52, 2.886, 8.021$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 2.814, 187.430$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 3.074, 9.333$, and $32, 3.164, 8.316$ is the 20% darker color. If you saturate the color by 10%, you get $48, 8.454, 9.066$, and if you desaturate by 10%, it is $56, 2.369, 187.541$.

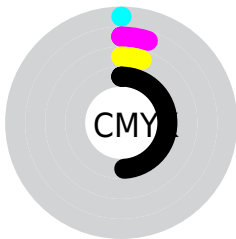
Distribution



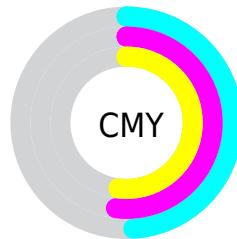
- Red (51%)
- Green (48%)
- Blue (48%)



- Red (51%)
- Yellow (48%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 2.886, 8.021 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, 2.886, 8.021 by changing the saturation by 10% instead.

■ 52, 2.886, 8.021

■ 52, 2.886, 8.021

■ 100, 2.886, 8.021

■ 42, 2.886, 8.021

■ 72, 2.886, 8.021

■ 32, 2.886, 8.021

■ 82, 2.886, 8.021

■ 22, 2.886, 8.021

■ 92, 2.886, 8.021

■ 12, 2.886, 8.021

■ 2, 2.886, 8.021

■ 0, 2.886, 8.021

■ 52, 2.886, 8.021

■ 52, 2.886, 8.021

■ 48, 8.454, 9.066

■ 56, 2.369, 187.541

■ 44, 14.328, 10.204

■ 60, 7.317, 186.747

41, 20.465, 11.573

64, 11.977,
186.128

37, 26.782, 13.257

68, 16.374,
185.592

34, 33.138, 15.362

31, 39.342, 18.011

72, 20.533,
185.117

29, 45.184, 21.324

76, 24.480,
184.691

28, 50.486, 25.359

26, 55.208, 29.912

80, 28.236,
184.306

84, 31.824,
183.956

88, 35.261,
183.635

Harmonies

Complementary

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



52, 2.886, 8.021



54, 2.814, 187.430

Rectangle

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



52, 2.886, 8.021



52, 2.886, 58.021



52, 2.886, 188.021



52, 2.886, 238.021

Sweetspot

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



52, 2.885, 8.043



68, 1.310, 7.541



52, 4.725, 320.490



35, 0.741, 7.501



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 2.885, 8.043



66, 3.973, 8.122



53, 2.308, 57.172



25, 2.083, 8.145



26, 56.746, 31.690



0, 0.000, 0.000

Inverse Universe

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



52, 2.885, 8.043



66, 3.973, 8.122



53, 2.258, 238.389



25, 2.083, 8.145



26, 56.746, 31.690



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 2.886, 8.021 looks on a white background.

Color Contrast Check

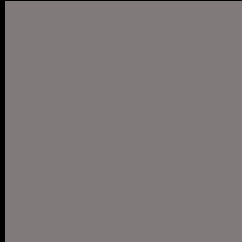
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.886, 8.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

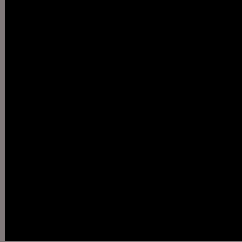
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 2.886, 8.021

Background



This preview shows how black text looks on a background with the CIELCh color 52, 2.886, 8.021.



This preview shows how white text looks on a background with the CIELCh color 52, 2.886, 8.021.

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

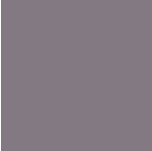
52, 2.886, 8.021

Protanopia

52, 1.342, 353.652

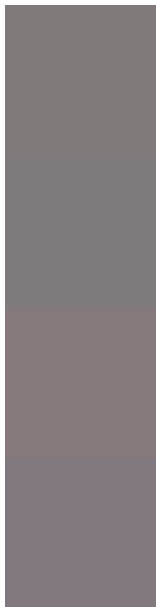
Deuteranopia

52, 6.895, 0.563



Tritanopia
52, 6.845, 322.045

Trichromacy



Original Color

52, 2.886, 8.021

Protanomaly

52, 1.713, 359.588

Deuteranomaly

52, 5.547, 1.755

Tritanomaly

52, 5.447, 331.695

Monochromacy



Original Color

52, 2.886, 8.021

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.202, 19.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 2.886, 8.021 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(129, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(129, 122, 123)  
}
```

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(129, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 122, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 2.886, 8.021 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(129, 122, 123) }
```

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

```
.border{ border-color:rgb(129, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(129, 122,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 2.886, 8.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 122, 123) }
```

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

```
.background{ background-color: rgb(129,  
122, 123) }
```

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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