

Converting Colors

CIELCh(53, 2.737, 3.551)

Have a look what the booklet for
CIELCh(53, 2.737, 3.551) contains.

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Color

CIELCh(53, 2.873, 8.009)

Conversions

Conversions Part 1

Format	Color
Hex	847D7E
RGB	132, 125, 126
RGB Percent	52%, 49%, 49%
CMY	0.4827, 0.5101, 0.5062
CMYK	0.00, 0.05, 0.05, 0.48
HSL	351°, 3%, 50%
HSV	351°, 5%, 52%
XYZ	20.5833, 21.0462, 22.6852
YIQ	127.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

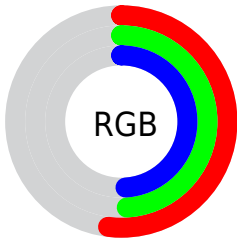
Format	Color
R_{YB}	132, 125, 126
Decimal	8682878
CIE Lab	53.00, 2.84, 0.40
CIE LCh	53, 2.873, 8.009
Yxy	21.0462, 0.3200, 0.3272
Android (android.graphics.Color)	4286872958 (0xFF847D7E)
YUV	127.2070, -0.5951, 4.2035
Hunter-Lab	45.8761, -0.1953, 2.7951

Details

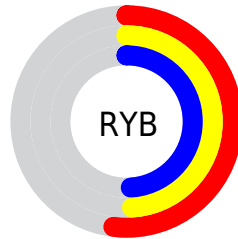
The CIELCh color $53, 2.873, 8.009$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 2.803, 187.440$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 2.690, 7.839$, and $33, 3.142, 8.290$ is the 20% darker color. If you saturate the color by 10%, you get $49, 8.527, 9.057$, and if you desaturate by 10%, it is $57, 2.463, 187.528$.

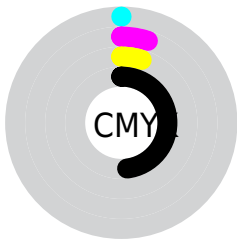
Distribution



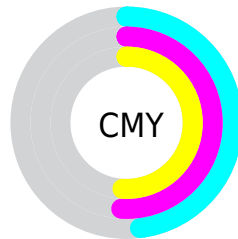
- Red (52%)
- Green (49%)
- Blue (49%)



- Red (52%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 2.873, 8.009 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 53, 2.873, 8.009 by changing the saturation by 10% instead.

■ 53, 2.873, 8.009

■ 53, 2.873, 8.009

■ 100, 2.873, 8.009

■ 43, 2.873, 8.009

■ 73, 2.873, 8.009

■ 33, 2.873, 8.009

■ 83, 2.873, 8.009

■ 23, 2.873, 8.009

■ 93, 2.873, 8.009

■ 13, 2.873, 8.009

■ 3, 2.873, 8.009

■ 0, 2.873, 8.009

■ 53, 2.873, 8.009

■ 53, 2.873, 8.009

■ 49, 8.527, 9.057

■ 57, 2.463, 187.528

■ 45, 14.493, 10.196

■ 61, 7.486, 186.737

42, 20.728, 11.566

65, 12.217,
186.119

38, 27.146, 13.253

69, 16.681,
185.582

35, 33.604, 15.361

32, 39.908, 18.014

73, 20.903,
185.107

30, 45.842, 21.336

77, 24.908,
184.681

28, 51.227, 25.382

27, 56.010, 29.957

81, 28.721,
184.297

85, 32.362,
183.946

89, 35.851,
183.626

Harmonies

Complementary

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



53, 2.873, 8.009



55, 2.803, 187.440

Rectangle

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



53, 2.873, 8.009



53, 2.873, 58.009



53, 2.873, 188.009



53, 2.873, 238.009

Sweetspot

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



53, 2.872, 8.031



69, 1.327, 7.541



53, 4.705, 320.485



36, 0.760, 7.503



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 2.872, 8.031



67, 4.023, 8.122



54, 2.297, 57.177



27, 2.153, 8.149



26, 57.624, 31.801



0, 0.724, 7.722

Inverse Universe

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



53, 2.872, 8.031



67, 4.023, 8.122



54, 2.249, 238.383



27, 2.153, 8.149



26, 57.624, 31.801



0, 0.724, 7.722

Previews

White Background



This preview shows how the CIELCh color 53, 2.873, 8.009 looks on a white background.

Color Contrast Check

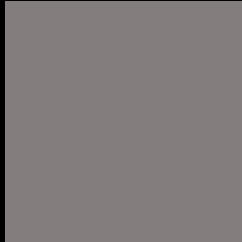
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 2.873, 8.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

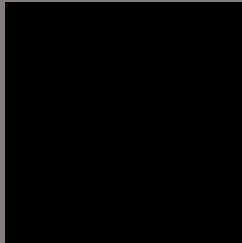
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 2.873, 8.009

Background



This preview shows how black text looks on a background with the CIELCh color 53, 2.873, 8.009.



This preview shows how white text looks on a background with the CIELCh color 53, 2.873, 8.009.

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

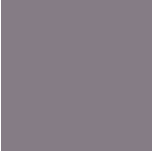
53, 2.873, 8.009

Protanopia

53, 1.199, 19.207

Deuteranopia

53, 7.261, 1.692



Tritanopia
53, 6.333, 324.769

Trichromacy



Original Color

53, 2.873, 8.009

Protanomaly

53, 1.601, 19.332

Deuteranomaly

53, 5.530, 1.742

Tritanomaly

53, 5.008, 336.070

Monochromacy



Original Color

53, 2.873, 8.009

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.337, 353.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 2.873, 8.009 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(132, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 126)  
}
```

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(132, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 2.873, 8.009 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(132, 125, 126) }
```

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

```
.border{ border-color:rgb(132, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 2.873, 8.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 126) }
```

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

```
.background{ background-color: rgb(132,  
125, 126) }
```

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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