

Converting Colors

CIELCh(53, 5.683, 8.137)

Have a look what the booklet for
CIELCh(53, 5.683, 8.137) contains.

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Color

CIELCh(53, 5.789, 8.519)

Conversions

Conversions Part 1

Format	Color
Hex	897B7D
RGB	137, 123, 125
RGB Percent	54%, 48%, 49%
CMY	0.4618, 0.5167, 0.5089
CMYK	0.00, 0.10, 0.09, 0.46
HSL	351°, 6%, 51%
HSV	351°, 10%, 54%
XYZ	21.1813, 21.0462, 22.4237
YIQ	127.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

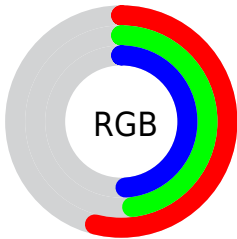
Format	Color
R_{YB}	137, 123, 125
Decimal	9010045
CIE Lab	53.00, 5.73, 0.86
CIE LCh	53, 5.789, 8.519
Yxy	21.0462, 0.3276, 0.3255
Android (android.graphics.Color)	4287200125 (0xFF897B7D)
YUV	127.4140, -1.1901, 8.4069
Hunter-Lab	45.8761, 2.1316, 3.1330

Details

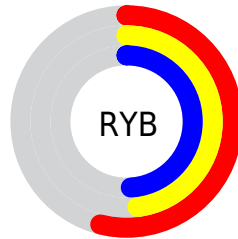
The CIELCh color $53, 5.789, 8.519$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 5.530, 186.965$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 5.909, 3.893$, and $33, 5.908, 8.069$ is the 20% darker color. If you saturate the color by 10%, you get $49, 11.791, 9.591$, and if you desaturate by 10%, it is $57, 0.114, 4.252$.

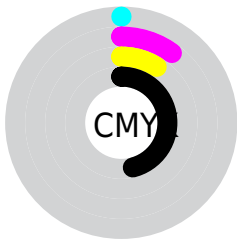
Distribution



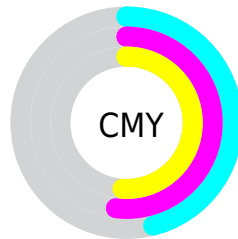
- Red (54%)
- Green (48%)
- Blue (49%)



- Red (54%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 5.789, 8.519 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, 5.789, 8.519 by changing the saturation by 10% instead.

■ 53, 5.789, 8.519

■ 53, 5.789, 8.519

■ 100, 5.789, 8.519

■ 43, 5.789, 8.519

■ 73, 5.789, 8.519

■ 33, 5.789, 8.519

■ 83, 5.789, 8.519

■ 23, 5.789, 8.519

■ 93, 5.789, 8.519

■ 13, 5.789, 8.519

■ 3, 5.789, 8.519

■ 0, 5.789, 8.519

■ 53, 5.789, 8.519

■ 53, 5.789, 8.519

■ 49, 11.791, 9.591

■ 57, 0.114, 4.252

■ 45, 18.100, 10.840

■ 61, 5.230, 187.073

41, 24.650, 12.363

65, 10.260,
186.395

38, 31.321, 14.256

70, 15.000,
185.821

35, 37.938, 16.635

32, 44.279, 19.630

74, 19.477,
185.316

30, 50.132, 23.342

78, 23.717,
184.867

29, 55.351, 27.749

28, 60.076, 32.082

82, 27.747,
184.462

86, 31.588,
184.095

91, 35.262,
183.760

Harmonies

Complementary

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



53, 5.789, 8.519



56, 5.530, 186.965

Rectangle

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



53, 5.789, 8.519



53, 5.789, 58.519



53, 5.789, 188.519



53, 5.789, 238.519

Sweetspot

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



53, 5.788, 8.531



71, 2.067, 7.735



53, 9.382, 320.721



37, 1.564, 7.844



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 5.788, 8.531



67, 8.487, 8.739



54, 4.642, 56.850



27, 3.200, 8.425



27, 58.495, 31.899



0, 1.448, 7.713

Inverse Universe

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



53, 5.788, 8.531



67, 8.487, 8.739



55, 4.431, 238.788



27, 3.200, 8.425



27, 58.495, 31.899



0, 1.448, 7.713

Previews

White Background



This preview shows how the CIELCh color 53, 5.789, 8.519 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, 5.789, 8.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

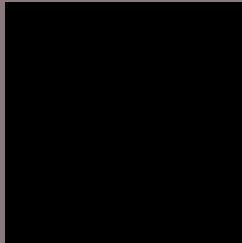
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 5.789, 8.519

Background



This preview shows how black text looks on a background with the CIELCh color 53, 5.789, 8.519.



This preview shows how white text looks on a background with the CIELCh color 53, 5.789, 8.519.

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, 5.789, 8.519

Protanopia

53, 1.337, 353.642

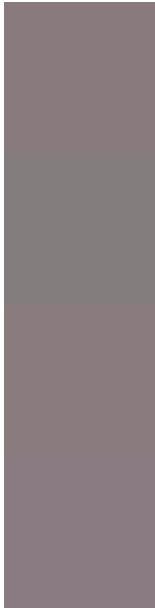
Deuteranopia

53, 6.598, 10.054



Tritanopia
53, 8.621, 338.285

Trichromacy



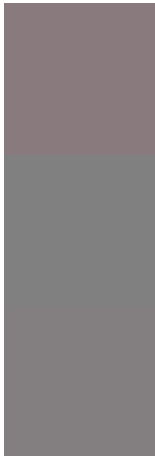
Original Color
53, 5.789, 8.519

Protanomaly
53, 2.873, 8.009

Deuteranomaly
53, 6.192, 9.333

Tritanomaly
53, 7.911, 344.558

Monochromacy



Original Color
53, 5.789, 8.519

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.087, 3.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 5.789, 8.519 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(137, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 125)  
}
```

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(137, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 5.789, 8.519 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(137, 123, 125) }
```

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

```
.border{ border-color:rgb(137, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(137, 123,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 5.789, 8.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 123, 125) }
```

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

```
.background{ background-color: rgb(137,  
123, 125) }
```

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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