

Converting Colors

CIELCh(53, 4.713, 43.462)

Have a look what the booklet for
CIELCh(53, 4.713, 43.462) contains.

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Color

CIELCh(53, 4.810, 40.811)

Conversions

Conversions Part 1

Format	Color
Hex	877C79
RGB	135, 124, 121
RGB Percent	53%, 49%, 47%
CMY	0.4695, 0.5126, 0.5244
CMYK	0.00, 0.08, 0.10, 0.47
HSL	13°, 6%, 50%
HSV	13°, 10%, 53%
XYZ	20.7474, 21.0462, 21.1467
YIQ	126.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

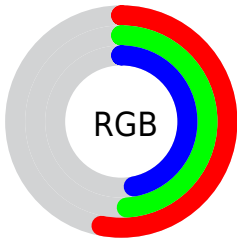
Format	Color
RYB	135, 125, 121
Decimal	8879225
CIELab	53.00, 3.64, 3.14
CIElCh	53, 4.810, 40.811
Yxy	21.0462, 0.3296, 0.3344
Android (android.graphics.Color)	4287069305 (0xFF877C79)
YUV	126.9470, -2.9319, 7.0625
Hunter-Lab	45.8761, 0.4430, 4.7835

Details

The CIELCh color $53, 4.810, 40.811$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 4.522, 221.615$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 4.845, 39.218$, and $33, 4.659, 35.604$ is the 20% darker color. If you saturate the color by 10%, you get $50, 9.838, 40.714$, and if you desaturate by 10%, it is $56, 0.156, 38.570$.

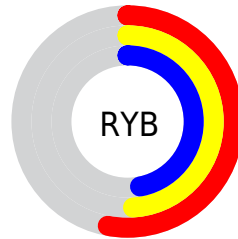
Distribution



Red (53%)

Green (49%)

Blue (47%)



Red (53%)

Yellow (49%)

Blue (47%)

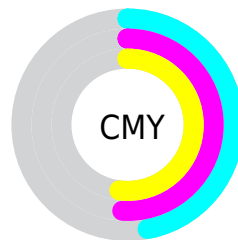


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 4.810, 40.811 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, 4.810, 40.811 by changing the saturation by 10% instead.

■ 53, 4.810, 40.811 ■ 53, 4.810, 40.811

■ 100, 4.810, 40.811 ■ 43, 4.810, 40.811

■ 73, 4.810, 40.811 ■ 33, 4.810, 40.811

■ 83, 4.810, 40.811 ■ 23, 4.810, 40.811

■ 93, 4.810, 40.811 ■ 13, 4.810, 40.811

■ 3, 4.810, 40.811

■ 0, 4.810, 40.811

■ 53, 4.810, 40.811 ■ 53, 4.810, 40.811

■ 50, 9.838, 40.714 ■ 56, 0.156, 38.570

■ 47, 15.273, 40.683 ■ 60, 4.159, 221.569

43, 21.136, 40.787

63, 8.172, 221.878

41, 27.431, 41.065

66, 11.917,
222.250

38, 34.126, 41.540

70, 15.427,
222.652

35, 41.124, 42.211

33, 48.209, 43.001

73, 18.731,
223.068

31, 54.894, 43.661

77, 21.852,
223.491

30, 60.492, 44.142

80, 24.814,
223.915

83, 27.637,
224.336

Harmonies

Complementary

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



53, 4.810, 40.811



54, 4.522, 221.615

Rectangle

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



53, 4.810, 40.811



53, 4.810, 90.811



53, 4.810, 220.811



53, 4.810, 270.811

Sweetspot

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



53, 4.809, 40.831



71, 1.678, 40.796



53, 8.569, 331.123



37, 1.286, 40.834



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, 4.809, 40.831



67, 6.962, 40.807



55, 5.857, 92.453



27, 2.647, 40.845



29, 59.482, 44.098



1, 1.190, 41.163

Inverse Universe

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



54, 4.522, 221.615



69, 6.467, 221.684



53, 5.875, 275.012



28, 2.508, 221.578



41, 27.166, 237.454



1, 1.190, 221.182

Previews

White Background



This preview shows how the CIELCh color 53, 4.810, 40.811 looks on a white background.

Color Contrast Check

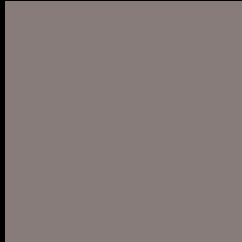
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.810, 40.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

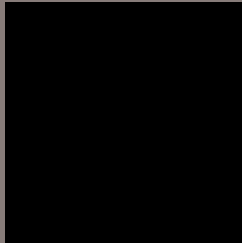
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 4.810, 40.811

Background



This preview shows how black text looks on a background with the CIELCh color 53, 4.810, 40.811.



This preview shows how white text looks on a background with the CIELCh color 53, 4.810, 40.811.

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, 4.810, 40.811

Protanopia

53, 2.804, 74.608

Deuteranopia

53, 7.794, 20.221



Tritanopia
53, 7.640, 337.372

Trichromacy



Original Color
53, 4.810, 40.811

Protanomaly
53, 3.315, 50.969

Deuteranomaly
53, 6.574, 25.070

Tritanomaly
53, 5.976, 351.161

Monochromacy



Original Color
53, 4.810, 40.811

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.698, 39.169

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 4.810, 40.811 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, 124, 121)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 121)  
}
```

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, 124, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 4.810, 40.811 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, 124, 121) }
```

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

```
.border{ border-color:rgb(135, 124, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 124, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 124, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 124, 121); box-shadow:4px 4px 4px 4px rgb(135, 124, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 4.810, 40.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 124, 121) }
```

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

```
.background{ background-color: rgb(135,  
124, 121) }
```

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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