

Converting Colors

CIELCh(53, 7.694, 88.208)

Have a look what the booklet for
CIELCh(53, 7.694, 88.208) contains.

CIELCh(53, 8.030, 87.920)	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(53, 8.030, 87.920)

Conversions

Conversions Part 1

Format	Color
Hex	857E71
RGB	133, 126, 113
RGB Percent	52%, 49%, 44%
CMY	0.4790, 0.5065, 0.5574
CMYK	0.00, 0.05, 0.15, 0.48
HSL	39°, 8%, 48%
HSV	39°, 15%, 52%
XYZ	20.0626, 21.0462, 18.5842
YIQ	126.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

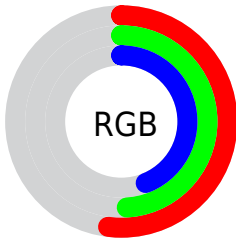
Format	Color
R_{YB}	124, 133, 113
Decimal	8748657
CIE Lab	53.00, 0.29, 8.02
CIE LCh	53, 8.030, 87.920
Yxy	21.0462, 0.3361, 0.3526
Android (android.graphics.Color)	4286938737 (0xFF857E71)
YUV	126.6110, -6.7102, 5.6032
Hunter-Lab	45.8761, -2.2213, 8.0952

Details

The CIELCh color $53, 8.030, 87.920$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 7.989, 271.791$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 8.024, 89.706$, and $33, 8.025, 88.613$ is the 20% darker color. If you saturate the color by 10%, you get $51, 13.520, 86.676$, and if you desaturate by 10%, it is $55, 2.660, 89.110$.

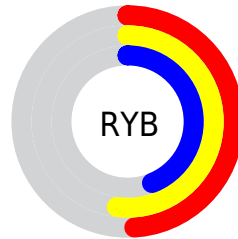
Distribution



Red (52%)

Green (49%)

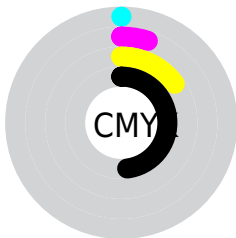
Blue (44%)



Red (49%)

Yellow (52%)

Blue (44%)

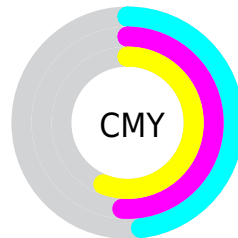


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.030, 87.920 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, 8.030, 87.920 by changing the saturation by 10% instead.

■ 53, 8.030, 87.920 ■ 53, 8.030, 87.920

■ 100, 8.030, 87.920 ■ 43, 8.030, 87.920

■ 73, 8.030, 87.920 ■ 33, 8.030, 87.920

■ 83, 8.030, 87.920 ■ 23, 8.030, 87.920

■ 93, 8.030, 87.920 ■ 13, 8.030, 87.920

■ 3, 8.030, 87.920

■ 0, 8.030, 87.920

■ 53, 8.030, 87.920 ■ 53, 8.030, 87.920

■ 51, 13.520, 86.676 ■ 55, 2.660, 89.110

■ 50, 19.119, 85.377 ■ 56, 2.591, 270.434

48, 24.795, 84.040

58, 7.728, 271.521

47, 30.487, 82.660

60, 12.757,
272.599

45, 36.067, 81.221

61, 17.688,
273.633

44, 41.307, 79.680

43, 45.825, 77.952

63, 22.528,
274.618

41, 49.177, 75.917

65, 27.285,
275.555

41, 50.842, 74.970

67, 31.967,
276.443

69, 36.578,
277.285

Harmonies

Complementary

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



53, 8.030, 87.920



50, 7.989, 271.791

Rectangle

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



53, 8.030, 87.920



53, 8.030, 137.920



53, 8.030, 267.920



53, 8.030, 317.920

Sweetspot

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



53, 8.031, 87.931



70, 3.274, 89.103



50, 9.132, 353.955



36, 2.227, 89.038



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, 8.031, 87.931



67, 11.987, 87.515



55, 11.491, 114.981



27, 2.983, 88.647



40, 50.067, 75.036



0, 0.710, 89.778

Inverse Universe

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



50, 7.989, 271.791



63, 11.902, 272.295



48, 11.863, 297.240



26, 2.979, 270.971



22, 56.013, 294.507



0, 0.710, 269.786

Previews

White Background



This preview shows how the CIELCh color 53, 8.030, 87.920 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, 8.030, 87.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

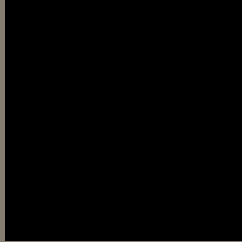
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 8.030, 87.920

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.030, 87.920.



This preview shows how white text looks on a background with the CIELCh color 53, 8.030, 87.920.

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, 8.030, 87.920

Protanopia

53, 7.888, 90.764

Deuteranopia

53, 9.996, 47.532



Tritanopia
53, 7.770, 332.186

Trichromacy



Original Color
53, 8.030, 87.920

Protanomaly
53, 7.888, 90.764

Deuteranomaly
53, 8.494, 57.435

Tritanomaly
53, 4.586, 5.283

Monochromacy



Original Color
53, 8.030, 87.920

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 2.986, 94.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 8.030, 87.920 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(133, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 113)  
}
```

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(133, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.030, 87.920 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(133, 126, 113) }
```

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

```
.border{ border-color:rgb(133, 126, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.030, 87.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 113) }
```

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

```
.background{ background-color: rgb(133,  
126, 113) }
```

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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