

Converting Colors

CIELCh(53, 3.853, 81.281)

Have a look what the booklet for
CIELCh(53, 3.853, 81.281) contains.

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Color

CIELCh(53, 3.811, 84.432)

Conversions

Conversions Part 1

Format	Color
Hex	827E78
RGB	130, 126, 120
RGB Percent	51%, 49%, 47%
CMY	0.4899, 0.5056, 0.5292
CMYK	0.00, 0.03, 0.08, 0.49
HSL	36°, 4%, 49%
HSV	36°, 8%, 51%
XYZ	20.0785, 21.0462, 20.7930
YIQ	126.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

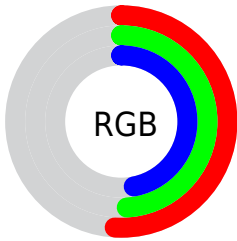
Format	Color
R_{YB}	127, 130, 120
Decimal	8552056
CIE Lab	53.00, 0.37, 3.79
CIE LCh	53, 3.811, 84.432
Yxy	21.0462, 0.3243, 0.3399
Android (android.graphics.Color)	4286742136 (0xFF827E78)
YUV	126.5120, -3.2104, 3.0590
Hunter-Lab	45.8761, -2.1596, 5.2406

Details

The CIELCh color $53, 3.811, 84.432$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 3.793, 266.468$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 4.064, 87.824$, and $33, 3.606, 79.869$ is the 20% darker color. If you saturate the color by 10%, you get $51, 8.905, 83.240$, and if you desaturate by 10%, it is $55, 1.137, 265.903$.

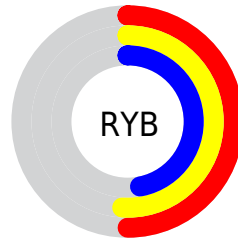
Distribution



Red (51%)

Green (49%)

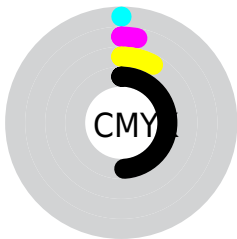
Blue (47%)



Red (50%)

Yellow (51%)

Blue (47%)

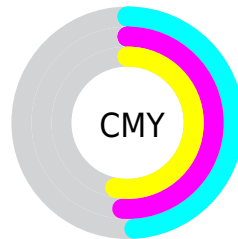


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 3.811, 84.432 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, 3.811, 84.432 by changing the saturation by 10% instead.


 53, 3.811, 84.432  53, 3.811, 84.432

 100, 3.811, 84.432  43, 3.811, 84.432

 73, 3.811, 84.432  33, 3.811, 84.432


 83, 3.811, 84.432  23, 3.811, 84.432

 93, 3.811, 84.432  13, 3.811, 84.432

 3, 3.811, 84.432

 0, 3.811, 84.432

 53, 3.811, 84.432  53, 3.811, 84.432

 51, 8.905, 83.240  55, 1.137, 265.903

 49, 14.146, 81.967  57, 5.950, 266.916

■ 48, 19.530, 80.655

■ 59, 10.637,
268.018

■ 46, 25.031, 79.307

■ 60, 15.211,
269.082

■ 44, 30.586, 77.916

■ 43, 36.070, 76.454

■ 62, 19.682,
270.099

■ 41, 41.242, 74.861

■ 64, 24.060,
271.069

■ 40, 45.695, 73.014

■ 39, 49.254, 70.899

■ 66, 28.354,
271.992

■ 68, 32.572,
272.867

■ 70, 36.721,
273.697

Harmonies

Complementary

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



53, 3.811, 84.432



52, 3.793, 266.468

Rectangle

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



53, 3.811, 84.432



53, 3.811, 134.432



53, 3.811, 264.432



53, 3.811, 314.432

Sweetspot

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



53, 3.812, 84.455



69, 1.209, 84.986



51, 4.664, 350.011



36, 0.684, 84.987



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 3.812, 84.455



67, 5.521, 84.278



54, 5.756, 113.509



27, 2.847, 84.285



38, 50.166, 70.485



0, 0.675, 85.437

Inverse Universe

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



52, 3.793, 266.468



65, 5.482, 266.663



51, 5.859, 294.736



26, 2.827, 266.656



24, 51.414, 291.185



0, 0.675, 265.446

Previews

White Background



This preview shows how the CIELCh color 53, 3.811, 84.432 looks on a white background.

Color Contrast Check

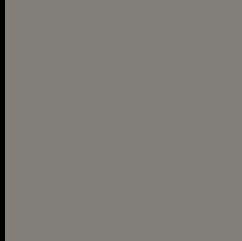
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.811, 84.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

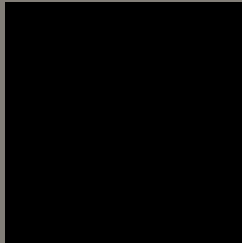
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

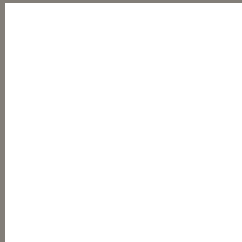
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 3.811, 84.432

Background



This preview shows how black text looks on a background with the CIELCh color 53, 3.811, 84.432.



This preview shows how white text looks on a background with the CIELCh color 53, 3.811, 84.432.

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, 3.811, 84.432

Protanopia

53, 3.811, 84.432

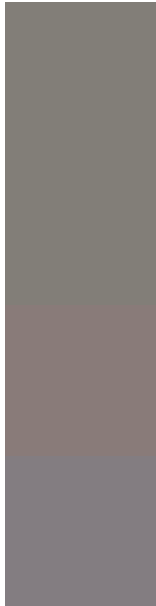
Deuteranopia

53, 7.839, 24.412



Tritanopia
53, 6.620, 319.105

Trichromacy



Original Color
53, 3.811, 84.432

Protanomaly
53, 3.811, 84.432

Deuteranomaly
53, 5.847, 31.293

Tritanomaly
53, 3.343, 335.896

Monochromacy



Original Color
53, 3.811, 84.432

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.766, 96.807

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 3.811, 84.432 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(130, 126, 120)` looks like.

```
.text, #text, p{  
    color:rgb(130, 126, 120)  
}
```

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(130, 126, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 126, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 3.811, 84.432 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(130, 126, 120) }
```

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

```
.border{ border-color:rgb(130, 126, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 126, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 126, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 126, 120);  
box-shadow:4px 4px 4px 4px rgb(130, 126,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 3.811, 84.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 126, 120) }
```

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

```
.background{ background-color: rgb(130,  
126, 120) }
```

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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