

Converting Colors

CIELCh(53, 10.288, 112.182)

Have a look what the booklet for
CIELCh(53, 10.288, 112.182)
contains.

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Color

CIELCh(53, 10.356, 111.179)

Conversions

Conversions Part 1

Format	Color
Hex	7F806E
RGB	127, 128, 110
RGB Percent	50%, 50%, 43%
CMY	0.5023, 0.4984, 0.5689
CMYK	0.01, 0.00, 0.14, 0.50
HSL	63°, 8%, 47%
HSV	63°, 14%, 50%
XYZ	19.2583, 21.0462, 17.7762
YIQ	125.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

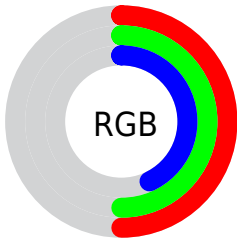
Format	Color
R_{YB}	110, 128, 111
Decimal	8355950
CIE Lab	53.00, -3.74, 9.66
CIE LCh	53, 10.356, 111.179
Yxy	21.0462, 0.3316, 0.3624
Android (android.graphics.Color)	4286546030 (0xFF7F806E)
YUV	125.6490, -7.7150, 1.1848
Hunter-Lab	45.8761, -5.3509, 9.1395

Details

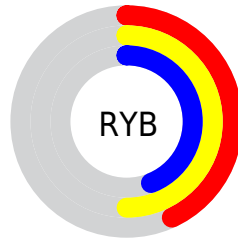
The CIELCh color $53, 10.356, 111.179$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 10.681, 293.676$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 10.266, 111.334$, and $33, 10.625, 110.788$ is the 20% darker color. If you saturate the color by 10%, you get $53, 17.654, 110.335$, and if you desaturate by 10%, it is $53, 2.998, 112.022$.

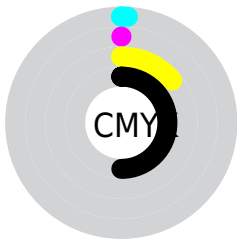
Distribution



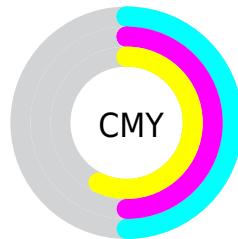
- Red (50%)
- Green (50%)
- Blue (43%)



- Red (43%)
- Yellow (50%)
- Blue (44%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (50%)





- Cyan (50%)
- Magenta (50%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.356, 111.179 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, 10.356, 111.179 by changing the saturation by 10% instead.


 53, 10.356,
111.179


 53, 10.356,
111.179


 100, 10.356,
111.179


 43, 10.356,
111.179


 73, 10.356,
111.179

 33, 10.356,
111.179

 83, 10.356,
111.179

 23, 10.356,
111.179

 93, 10.356,
111.179

 13, 10.356,
111.179

 3, 10.356, 111.179

 0, 10.356, 111.179

■ 53, 10.356,
111.179

■ 53, 10.356,
111.179

■ 53, 17.654,
110.335

■ 53, 2.998, 112.022

■ 52, 24.831,
109.493

■ 54, 4.386, 292.866

■ 52, 31.800,
108.678

■ 54, 11.769,
293.662

■ 52, 38.432,
107.918

■ 55, 19.130,
294.430

■ 52, 44.531,
107.248

■ 55, 26.458,
295.164

■ 52, 49.831,
106.711

■ 56, 33.740,
295.861

■ 51, 54.011,
106.358

■ 57, 40.969,
296.520

■ 51, 56.816,

■ 57, 48.138,
297.140

106.227

■ 58, 55.240,
297.723

■ 51, 58.239,
106.184

Harmonies

Complementary

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



53, 10.356, 111.179



47, 10.681, 293.676

Rectangle

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



53, 10.356, 111.179



53, 10.356, 161.179



53, 10.356, 291.179



53, 10.356, 341.179

Sweetspot

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



53, 10.357, 111.185



68, 3.641, 112.020



48, 7.173, 24.397



36, 2.608, 111.966



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, 10.357, 111.185



67, 15.451, 110.903



52, 11.179, 130.217



27, 4.141, 111.605



51, 58.101, 106.183



0, 0.000, 0.000

Inverse Universe

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



47, 10.681, 293.676



58, 16.052, 294.027



48, 11.366, 311.377



24, 4.227, 293.185



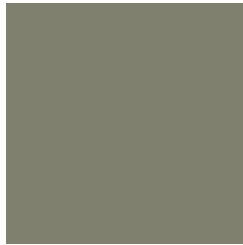
13, 79.713, 306.543



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 53, 10.356, 111.179 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 CIELCh color 53, 10.356, 111.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

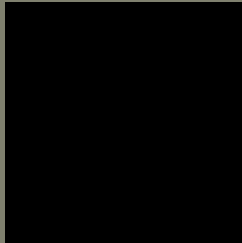
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

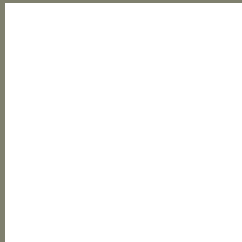
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 10.356, 111.179

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.356, 111.179.



This preview shows how white text looks on a background with the CIELCh color 53, 10.356, 111.179.

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, 10.356, 111.179

Protanopia

53, 10.220, 92.162

Deuteranopia

53, 11.341, 53.970



Tritanopia
53, 6.282, 312.765

Trichromacy



Original Color
53, 10.356, 111.179

Protanomaly
53, 10.483, 99.643

Deuteranomaly
53, 9.560, 71.084

Tritanomaly
53, 1.603, 19.335

Monochromacy



Original Color
53, 10.356, 111.179

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.057, 115.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.356, 111.179 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(127, 128, 110)` looks like.

```
.text, #text, p{  
    color:rgb(127, 128, 110)  
}
```

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(127, 128, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 128, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.356, 111.179 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(127, 128, 110) }
```

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

```
.border{ border-color:rgb(127, 128, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 128, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(127, 128,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.356, 111.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 128, 110) }
```

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

```
.background{ background-color: rgb(127,  
128, 110) }
```

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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