

Converting Colors

CIELCh(53, 5.983, 357.852)

Have a look what the booklet for
CIELCh(53, 5.983, 357.852) contains.

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Color

CIELCh(53, 6.102, 357.843)

Conversions

Conversions Part 1

Format	Color
Hex	897B7F
RGB	137, 123, 127
RGB Percent	54%, 48%, 50%
CMY	0.4624, 0.5173, 0.5016
CMYK	0.00, 0.10, 0.07, 0.46
HSL	343°, 6%, 51%
HSV	343°, 10%, 54%
XYZ	21.2595, 21.0462, 23.0487
YIQ	127.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

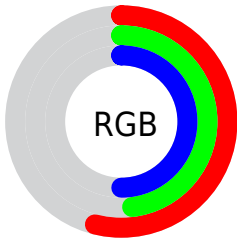
Format	Color
R_{YB}	137, 123, 127
Decimal	9010047
CIE Lab	53.00, 6.10, -0.23
CIE LCh	53, 6.102, 357.843
Yxy	21.0462, 0.3253, 0.3220
Android (android.graphics.Color)	4287200127 (0xFF897B7F)
YUV	127.6420, -0.3165, 8.2070
Hunter-Lab	45.8761, 2.4358, 2.3253

Details

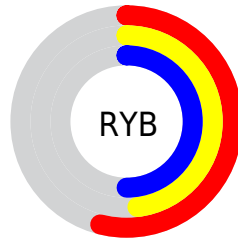
The CIELCh color $53, 6.102, 357.843$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 5.921, 176.117$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 6.283, 354.352$, and $33, 6.254, 356.729$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.313, 358.943$, and if you desaturate by 10%, it is $57, 0.128, 354.123$.

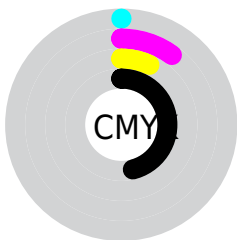
Distribution



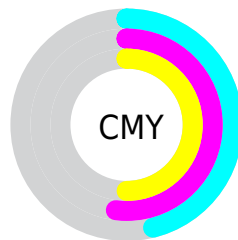
- Red (54%)
- Green (48%)
- Blue (50%)



- Red (54%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 6.102, 357.843 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, 6.102, 357.843 by changing the saturation by 10% instead.

■ 53, 6.102, 357.843

■ 53, 6.102, 357.843

■ 100, 6.102,
357.843

■ 43, 6.102, 357.843

■ 73, 6.102, 357.843

■ 33, 6.102, 357.843

■ 83, 6.102, 357.843

■ 23, 6.102, 357.843

■ 93, 6.102, 357.843

■ 13, 6.102, 357.843

■ 3, 6.102, 357.843

■ 0, 6.102, 357.843

■ 53, 6.102, 357.843

■ 53, 6.102, 357.843

■ 49, 12.313,
358.943

■ 57, 0.128, 354.123

■ 61, 5.584, 176.238

45, 18.712, 0.191

65, 11.034,
175.477

42, 25.200, 1.668

69, 16.230,
174.811

38, 31.618, 3.455

35, 37.745, 5.660

74, 21.190,
174.210

33, 43.315, 8.422

78, 25.933,
173.662

30, 48.078, 11.896

29, 51.907, 16.208

82, 30.477,
173.160

28, 55.205, 20.867

86, 34.842,
172.698

90, 39.046,
172.269

Harmonies

Complementary

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



53, 6.102, 357.843



56, 5.921, 176.117

Rectangle

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



53, 6.102, 357.843



53, 6.102, 47.843



53, 6.102, 177.843



53, 6.102, 227.843

Sweetspot

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



53, 6.100, 357.851



71, 2.192, 357.037



53, 9.004, 316.131



37, 1.657, 357.144



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, 6.100, 357.851



67, 8.930, 358.067



54, 4.831, 39.210



27, 3.376, 357.741



27, 53.835, 20.669



0, 1.539, 356.963

Inverse Universe

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



53, 6.100, 357.851



67, 8.930, 358.067



55, 4.543, 219.851



27, 3.376, 357.741



27, 53.835, 20.669



0, 1.539, 356.963

Previews

White Background



This preview shows how the CIELCh color 53, 6.102, 357.843 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, 6.102, 357.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

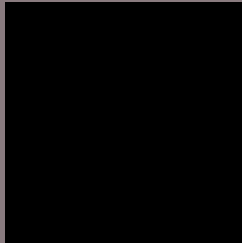
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 6.102, 357.843

Background



This preview shows how black text looks on a background with the CIELCh color 53, 6.102, 357.843.



This preview shows how white text looks on a background with the CIELCh color 53, 6.102, 357.843.

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, 6.102, 357.843

Protanopia

53, 1.922, 314.697

Deuteranopia

53, 6.481, 359.266



Tritanopia
53, 8.621, 338.285

Trichromacy



Original Color
53, 6.102, 357.843

Protanomaly
53, 2.971, 343.911

Deuteranomaly
53, 6.481, 359.266

Tritanomaly
53, 7.911, 344.558

Monochromacy



Original Color
53, 6.102, 357.843

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.316, 349.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 6.102, 357.843 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 6.102, 357.843 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, 127) }
```

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

```
.border{ border-color:rgb(137, 123, 127) }
```

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, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(137, 123,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 6.102, 357.843 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, 127) }
```

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

```
.background{ background-color: rgb(137,  
123, 127) }
```

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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