

Converting Colors

CIELCh(53, 5.137, 109.526)

Have a look what the booklet for
CIELCh(53, 5.137, 109.526) contains.

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Color

CIELCh(53, 5.184, 109.518)

Conversions

Conversions Part 1

Format	Color
Hex	7F7F76
RGB	127, 127, 118
RGB Percent	50%, 50%, 46%
CMY	0.5014, 0.5014, 0.5367
CMYK	0.00, 0.00, 0.07, 0.50
HSL	60°, 4%, 48%
HSV	60°, 7%, 50%
XYZ	19.6563, 21.0462, 20.2065
YIQ	125.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

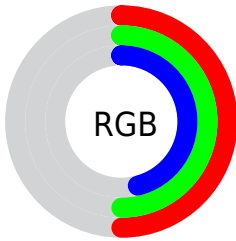
Format	Color
RYB	118, 127, 118
Decimal	8355702
CIELab	53.00, -1.73, 4.89
CIELCh	53, 5.184, 109.518
Yxy	21.0462, 0.3227, 0.3455
Android (android.graphics.Color)	4286545782 (0xFF7F7F76)
YUV	125.9740, -3.9312, 0.8998
Hunter-Lab	45.8761, -3.8022, 5.9985

Details

The CIELCh color $53, 5.184, 109.518$ is a dark color, and the **websafe** version is hex 666666 . A complement of this color would be $50, 5.274, 290.881$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 5.403, 109.642$, and $33, 5.018, 109.283$ is the 20% darker color. If you saturate the color by 10%, you get $53, 12.485, 108.605$, and if you desaturate by 10%, it is $53, 2.148, 290.476$.

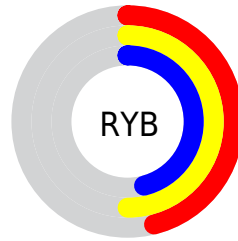
Distribution



Red (50%)

Green (50%)

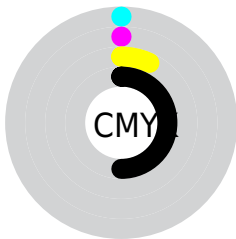
Blue (46%)



Red (46%)

Yellow (50%)

Blue (46%)

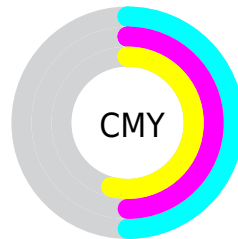


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 5.184, 109.518 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, 5.184, 109.518 by changing the saturation by 10% instead.

53, 5.184, 109.518
63, 5.184, 109.518
73, 5.184, 109.518
83, 5.184, 109.518
93, 5.184, 109.518
100, 5.184, 109.518

53, 5.184, 109.518
43, 5.184, 109.518
33, 5.184, 109.518
23, 5.184, 109.518
13, 5.184, 109.518
3, 5.184, 109.518
0, 5.184, 109.518

53, 5.184, 109.518
53, 12.485, 108.605
52, 19.709, 107.676
52, 26.792, 106.760
52, 33.637, 105.878
52, 40.093, 105.053
52, 45.945, 104.316
52, 50.905, 103.703
52, 54.651, 103.249

53, 5.184, 109.518
53, 2.148, 290.476
54, 9.488, 291.353
54, 16.813, 292.215
55, 24.110, 293.045
55, 31.369, 293.837
56, 38.581, 294.590
56, 45.739, 295.303
57, 52.837, 295.974

■ 52, 57.149, 102.951

■ 58, 59.871, 296.606

Harmonies

Complementary

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



53, 5.184, 109.518



50, 5.274, 290.881

Rectangle

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



53, 5.184, 109.518



53, 5.184, 159.518



53, 5.184, 289.518



53, 5.184, 339.518

Sweetspot

The sweet spot groups the original color and five complimentary colors.



53, 5.185, 109.529



68, 1.814, 109.971



50, 3.671, 19.718



36, 1.039, 109.982



85, 0.010, 296.813



36, 0.005, 296.813

Previews

White Background



This preview shows how the CIELCh color 53, 5.184, 109.518 looks on a white background.

Color Contrast Check

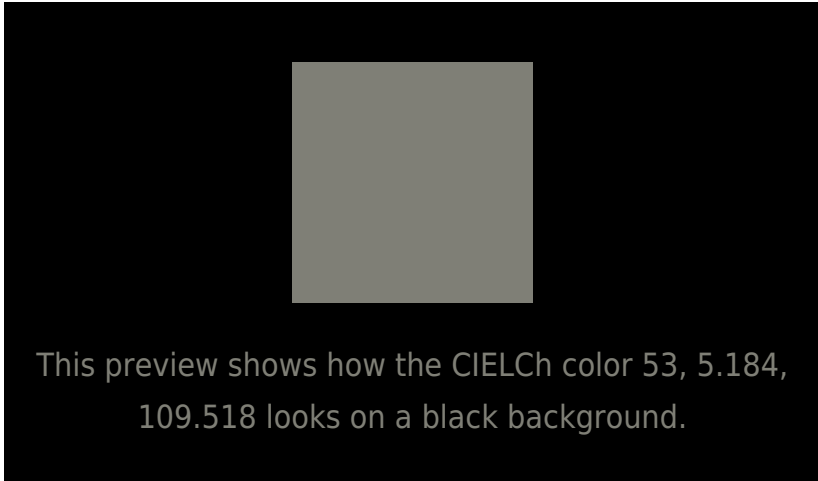
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

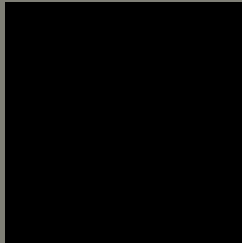
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

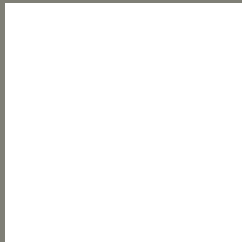
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 5.184, 109.518

Background



This preview shows how black text looks on a background with the CIELCh color 53, 5.184, 109.518.



This preview shows how white text looks on a background with the CIELCh color 53, 5.184, 109.518.

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, 5.184, 109.518

Protanopia

53, 5.034, 85.559

Deuteranopia

53, 8.055, 32.536



Tritanopia
53, 6.136, 309.370

Trichromacy



Original Color
53, 5.184, 109.518

Protanomaly
53, 4.883, 89.990

Deuteranomaly
53, 5.714, 50.018

Tritanomaly
53, 2.119, 324.476

Monochromacy



Original Color
53, 5.184, 109.518

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.727, 109.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 5.184, 109.518 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, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(127, 127, 118)  
}
```

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, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 127, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 5.184, 109.518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

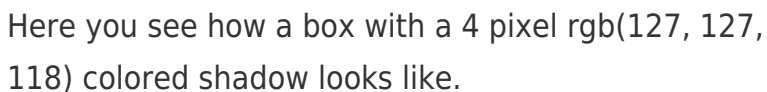
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 127, 118) }
```

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

```
.border{ border-color:rgb(127, 127, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 127, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 127, 118); box-shadow:4px 4px 4px 4px rgb(127, 127, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 5.184, 109.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 127, 118) }
```

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

```
.background{ background-color: rgb(127,  
127, 118) }
```

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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