

Converting Colors

CIELCh(53, 10.261, 48.367)

Have a look what the booklet for
CIELCh(53, 10.261, 48.367) contains.

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Color

CIELCh(53, 9.996, 47.532)

Conversions

Conversions Part 1

Format	Color
Hex	8F7A72
RGB	143, 122, 114
RGB Percent	56%, 48%, 45%
CMY	0.4384, 0.5208, 0.5522
CMYK	0.00, 0.15, 0.20, 0.44
HSL	17°, 11%, 50%
HSV	17°, 20%, 56%
XYZ	21.3967, 21.0462, 18.9133
YIQ	127.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

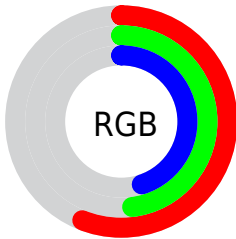
Format	Color
R_{YB}	143, 125, 114
Decimal	9402994
CIE _{Lab}	53.00, 6.75, 7.37
CIE _{LCh}	53, 9.996, 47.532
Yxy	21.0462, 0.3487, 0.3430
Android (android.graphics.Color)	4287593074 (0xFF8F7A72)
YUV	127.3670, -6.5899, 13.7101
Hunter-Lab	45.8761, 2.9695, 7.6698

Details

The CIELCh color $[53, 9.996, 47.532]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[55, 8.883, 230.095]$, and the grayscale version is $[53, 0.007, 296.813]$.

A 20% lighter version of the original color is $[73, 9.971, 45.657]$, and $[33, 9.969, 46.550]$ is the 20% darker color. If you saturate the color by 10%, you get $[50, 15.518, 47.175]$, and if you desaturate by 10%, it is $[56, 4.872, 47.966]$.

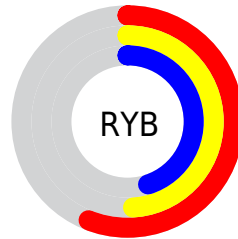
Distribution



Red (56%)

Green (48%)

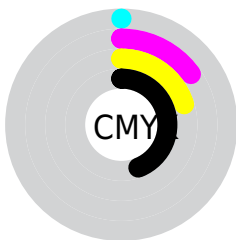
Blue (45%)



Red (56%)

Yellow (49%)

Blue (45%)

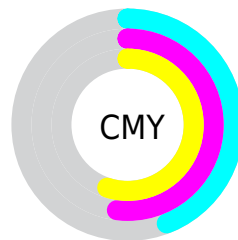


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.996, 47.532 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, 9.996, 47.532 by changing the saturation by 10% instead.

 53, 9.996, 47.532  53, 9.996, 47.532

 100, 9.996, 47.532  43, 9.996, 47.532

 73, 9.996, 47.532  33, 9.996, 47.532

 83, 9.996, 47.532  23, 9.996, 47.532

 93, 9.996, 47.532  13, 9.996, 47.532

 3, 9.996, 47.532

 0, 9.996, 47.532

 53, 9.996, 47.532  53, 9.996, 47.532

 50, 15.518, 47.175  56, 4.872, 47.966

 47, 21.467, 46.907  59, 0.115, 45.073

44, 27.850, 46.762

63, 4.313, 229.239

41, 34.642, 46.755

66, 8.450, 229.792

39, 41.749, 46.868

69, 12.328,
230.392

36, 48.943, 47.011

73, 15.979,
231.005

34, 55.712, 46.934

33, 61.699, 46.858

76, 19.432,
231.621

79, 22.710,
232.233

82, 25.835,
232.834

Harmonies

Complementary

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



53, 9.996, 47.532



55, 8.883, 230.095

Rectangle

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



53, 9.996, 47.532



53, 9.996, 97.532



53, 9.996, 227.532



53, 9.996, 277.532

Sweetspot

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



53, 9.995, 47.543



73, 3.475, 48.119



51, 16.843, 334.290



38, 2.328, 48.102



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 9.995, 47.543



66, 14.909, 47.377



57, 12.931, 95.992



29, 2.665, 48.010



31, 58.852, 46.864



1, 1.746, 48.581

Inverse Universe

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



55, 8.883, 230.095



69, 12.887, 230.502



51, 13.141, 280.951



29, 2.535, 229.253



39, 29.208, 250.112



1, 1.746, 228.600

Previews

White Background



This preview shows how the CIELCh color 53, 9.996, 47.532 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, 9.996, 47.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

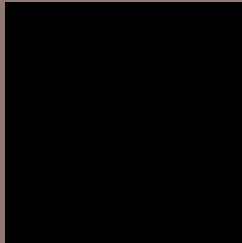
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 9.996, 47.532

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.996, 47.532.



This preview shows how white text looks on a background with the CIELCh color 53, 9.996, 47.532.

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, 9.996, 47.532

Protanopia

53, 6.111, 89.727

Deuteranopia

53, 9.996, 47.532



Tritanopia
53, 11.340, 353.542

Trichromacy



Original Color
53, 9.996, 47.532

Protanomaly
53, 7.104, 73.633

Deuteranomaly
53, 9.996, 47.532

Tritanomaly
53, 9.561, 10.089

Monochromacy



Original Color
53, 9.996, 47.532

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 3.667, 47.665

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 9.996, 47.532 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(143, 122, 114)` looks like.

```
.text, #text, p{  
    color:rgb(143, 122, 114)  
}
```

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(143, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 122, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.996, 47.532 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(143, 122, 114) }
```

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

```
.border{ border-color:rgb(143, 122, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(143, 122,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.996, 47.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 122, 114) }
```

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

```
.background{ background-color: rgb(143,  
122, 114) }
```

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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