

Converting Colors

CIELCh(53, 21.181, 22.593)

Have a look what the booklet for
CIELCh(53, 21.181, 22.593) contains.

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Color

CIELCh(53, 21.377, 23.413)

Conversions

Conversions Part 1

Format	Color
Hex	A47271
RGB	164, 114, 113
RGB Percent	64%, 45%, 44%
CMY	0.3577, 0.5537, 0.5576
CMYK	0.00, 0.31, 0.31, 0.36
HSL	1°, 22%, 54%
HSV	1°, 31%, 64%
XYZ	24.2288, 21.0462, 18.3492
YIQ	128.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

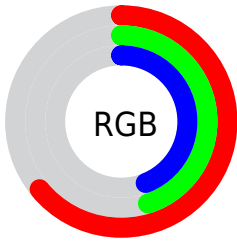
Format	Color
R_{YB}	164, 114, 113
Decimal	10777201
CIE _{Lab}	53.00, 19.62, 8.49
CIE _{LCh}	53, 21.377, 23.413
Yxy	21.0462, 0.3808, 0.3308
Android (android.graphics.Color)	4288967281 (0xFFA47271)
YUV	128.8360, -7.8071, 30.8388
Hunter-Lab	45.8761, 13.9891, 8.3989

Details

The CIELCh color **53, 21.377, 23.413** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 17.295, 199.800**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 21.399, 22.718**, and **33, 21.730, 23.187** is the 20% darker color. If you saturate the color by 10%, you get **49, 29.270, 24.709**, and if you desaturate by 10%, it is **57, 13.966, 22.426**.

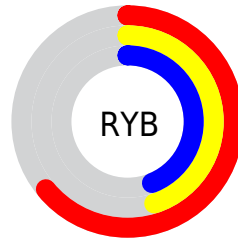
Distribution



Red (64%)

Green (45%)

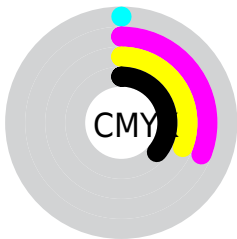
Blue (44%)



Red (64%)

Yellow (45%)

Blue (44%)

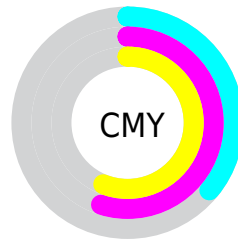


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 21.377, 23.413 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, 21.377, 23.413 by changing the saturation by 10% instead.

■ 53, 21.377, 23.413

■ 53, 21.377, 23.413

■ 100, 21.377,
23.413

■ 43, 21.377, 23.413

■ 73, 21.377, 23.413

■ 33, 21.377, 23.413

■ 83, 21.377, 23.413

■ 23, 21.377, 23.413

■ 93, 21.377, 23.413

■ 13, 21.377, 23.413

■ 3, 21.377, 23.413

■ 0, 21.377, 23.413

■ 53, 21.377, 23.413

■ 53, 21.377, 23.413

■ 49, 29.270, 24.709

■ 57, 13.966, 22.426

■ 45, 37.559, 26.392

■ 62, 7.073, 21.644

41, 46.080, 28.563

67, 0.690, 20.444

38, 54.583, 31.276

72, 5.216, 200.783

36, 62.698, 34.444

76, 10.688,
200.391

35, 69.723, 37.606

81, 15.771,
200.106

34, 74.582, 40.047

86, 20.511,
199.887

91, 24.951,
199.715

95, 28.409,
197.667

Harmonies

Complementary

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



53, 21.377, 23.413



64, 17.295, 199.800

Rectangle

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



53, 21.377, 23.413



53, 21.377, 73.413



53, 21.377, 203.413



53, 21.377, 253.413

Sweetspot

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



53, 21.375, 23.418



80, 6.995, 21.504



54, 34.284, 326.556



42, 4.926, 21.603



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



53, 21.375, 23.418



64, 32.058, 24.223



59, 18.318, 73.336



32, 3.559, 21.511



30, 67.792, 39.582



1, 5.366, 20.914

Inverse Universe

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



64, 17.295, 199.800



80, 24.650, 199.593



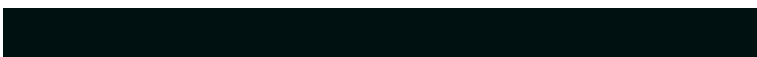
56, 16.981, 262.067



34, 3.360, 200.724



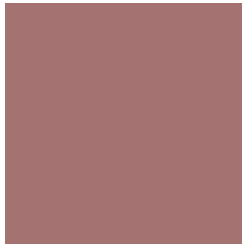
54, 32.084, 199.434



4, 5.322, 201.663

Previews

White Background



This preview shows how the CIELCh color 53, 21.377, 23.413 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, 21.377, 23.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

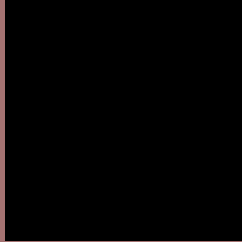
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 21.377, 23.413

Background



This preview shows how black text looks on a background with the CIELCh color 53, 21.377, 23.413.



This preview shows how white text looks on a background with the CIELCh color 53, 21.377, 23.413.

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, 21.377, 23.413

Protanopia

53, 4.510, 82.710

Deuteranopia

53, 11.706, 52.811



Tritanopia
53, 22.079, 10.239

Trichromacy



Original Color
53, 21.377, 23.413

Protanomaly
53, 9.236, 38.347

Deuteranomaly
53, 14.692, 36.646

Tritanomaly
53, 22.007, 14.670

Monochromacy



Original Color
53, 21.377, 23.413

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 7.781, 20.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 21.377, 23.413 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(164, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(164, 114, 113)  
}
```

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(164, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 114, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 21.377, 23.413 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(164, 114, 113) }
```

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

```
.border{ border-color:rgb(164, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(164, 114,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 21.377, 23.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 114, 113) }
```

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

```
.background{ background-color: rgb(164,  
114, 113) }
```

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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