

Converting Colors

CIELCh(53, 19.479, 21.678)

Have a look what the booklet for
CIELCh(53, 19.479, 21.678) contains.

CIELCh(53, 19.516, 21.673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 19.516, 21.673)

Conversions

Conversions Part 1

Format	Color
Hex	A17373
RGB	161, 115, 115
RGB Percent	63%, 45%, 45%
CMY	0.3690, 0.5493, 0.5493
CMYK	0.00, 0.29, 0.29, 0.37
HSL	0°, 20%, 54%
HSV	0°, 29%, 63%
XYZ	23.8910, 21.0462, 18.9980
YIQ	128.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

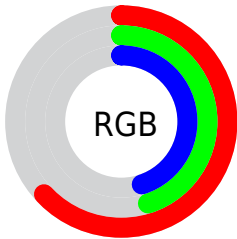
Format	Color
R_{YB}	161, 115, 115
Decimal	10580851
CIE _{Lab}	53.00, 18.14, 7.21
CIE _{LCh}	53, 19.516, 21.673
Yxy	21.0462, 0.3737, 0.3292
Android (android.graphics.Color)	4288770931 (0xFFA17373)
YUV	128.7540, -6.7807, 28.2797
Hunter-Lab	45.8761, 12.6744, 7.5604

Details

The CIELCh color **53, 19.516, 21.673** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 16.135, 198.019**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 19.693, 21.134**, and **33, 19.667, 21.028** is the 20% darker color. If you saturate the color by 10%, you get **49, 27.292, 22.977**, and if you desaturate by 10%, it is **58, 12.217, 20.670**.

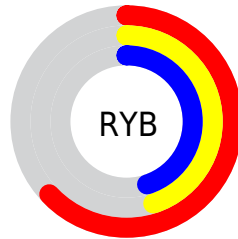
Distribution



Red (63%)

Green (45%)

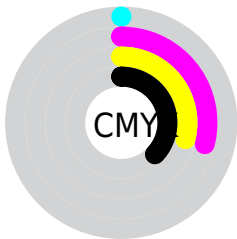
Blue (45%)



Red (63%)

Yellow (45%)

Blue (45%)

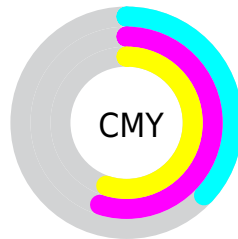


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 19.516, 21.673 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, 19.516, 21.673 by changing the saturation by 10% instead.

■ 53, 19.516, 21.673

■ 53, 19.516, 21.673

■ 100, 19.516,
21.673

■ 43, 19.516, 21.673

■ 73, 19.516, 21.673

■ 33, 19.516, 21.673

■ 83, 19.516, 21.673

■ 23, 19.516, 21.673

■ 93, 19.516, 21.673

■ 13, 19.516, 21.673

■ 3, 19.516, 21.673

■ 0, 19.516, 21.673

■ 53, 19.516, 21.673

■ 53, 19.516, 21.673

■ 49, 27.292, 22.977

■ 58, 12.217, 20.670

■ 45, 35.463, 24.666

■ 62, 5.429, 19.853

41, 43.868, 26.848

67, 0.861, 199.884

38, 52.268, 29.607

72, 6.686, 198.935

36, 60.333, 32.910

77, 12.087,
198.526

34, 67.507, 36.409

81, 17.112,
198.210

33, 73.060, 39.354

33, 73.821, 39.730

86, 21.804,
197.957

91, 26.205,
197.750

94, 29.156,
197.621

Harmonies

Complementary

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



53, 19.516, 21.673



63, 16.135, 198.019

Rectangle

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



53, 19.516, 21.673



53, 19.516, 71.673



53, 19.516, 201.673



53, 19.516, 251.673

Sweetspot

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



53, 19.514, 21.678



79, 7.062, 19.899



54, 31.411, 325.960



41, 4.924, 20.006



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 19.514, 21.678



65, 29.367, 22.424



59, 16.344, 71.937



32, 3.629, 19.907



30, 68.062, 39.265



1, 5.463, 19.409

Inverse Universe

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



63, 16.135, 198.019



79, 23.201, 197.761



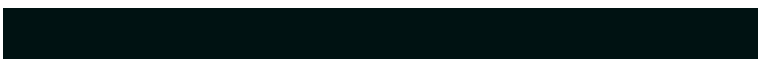
56, 15.135, 259.744



34, 3.427, 198.998



54, 32.964, 196.394



4, 5.463, 199.428

Previews

White Background



This preview shows how the CIELCh color 53, 19.516, 21.673 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, 19.516, 21.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

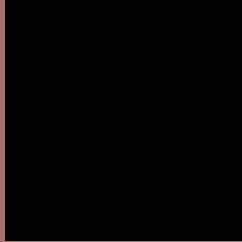
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 19.516, 21.673

Background



This preview shows how black text looks on a background with the CIELCh color 53, 19.516, 21.673.



This preview shows how white text looks on a background with the CIELCh color 53, 19.516, 21.673.

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, 19.516, 21.673

Protanopia

53, 3.295, 80.281

Deuteranopia

53, 10.381, 46.470



Tritanopia
53, 20.391, 8.985

Trichromacy



Original Color
53, 19.516, 21.673

Protanomaly
53, 8.055, 32.536

Deuteranomaly
53, 13.467, 33.044

Tritanomaly
53, 20.274, 13.786

Monochromacy



Original Color
53, 19.516, 21.673

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.936, 20.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 19.516, 21.673 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(161, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(161, 115, 115)  
}
```

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(161, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 115, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 19.516, 21.673 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(161, 115, 115) }
```

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

```
.border{ border-color:rgb(161, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(161, 115,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 19.516, 21.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 115, 115) }
```

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

```
.background{ background-color: rgb(161,  
115, 115) }
```

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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