

Converting Colors

CIELCh(53, 14.463, 20.865)

Have a look what the booklet for
CIELCh(53, 14.463, 20.865) contains.

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Color

CIELCh(53, 14.667, 21.060)

Conversions

Conversions Part 1

Format	Color
Hex	997676
RGB	153, 118, 118
RGB Percent	60%, 46%, 46%
CMY	0.3999, 0.5371, 0.5372
CMYK	0.00, 0.23, 0.23, 0.40
HSL	0°, 15%, 53%
HSV	0°, 23%, 60%
XYZ	22.8946, 21.0462, 20.0030
YIQ	128.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

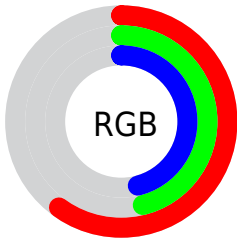
Format	Color
R_{YB}	153, 118, 118
Decimal	10057334
CIE _{Lab}	53.00, 13.69, 5.27
CIE _{LCh}	53, 14.667, 21.060
Yxy	21.0462, 0.3580, 0.3291
Android (android.graphics.Color)	4288247414 (0xFF997676)
YUV	128.4650, -5.1592, 21.5172
Hunter-Lab	45.8761, 8.7977, 6.2616

Details

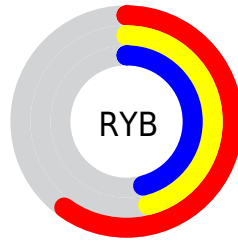
The CIELCh color $53, 14.667, 21.060$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 12.647, 198.289$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 14.806, 20.668$, and $33, 14.789, 19.484$ is the 20% darker color. If you saturate the color by 10%, you get $49, 21.868, 22.180$, and if you desaturate by 10%, it is $57, 7.944, 20.188$.

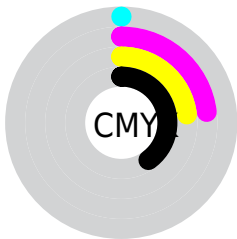
Distribution



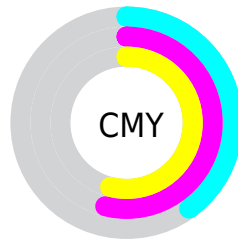
- Red (60%)
- Green (46%)
- Blue (46%)



- Red (60%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 14.667, 21.060 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, 14.667, 21.060 by changing the saturation by 10% instead.

■ 53, 14.667, 21.060

■ 53, 14.667, 21.060

■ 100, 14.667,
21.060

■ 43, 14.667, 21.060

■ 73, 14.667, 21.060

■ 33, 14.667, 21.060

■ 83, 14.667, 21.060

■ 23, 14.667, 21.060

■ 93, 14.667, 21.060

■ 13, 14.667, 21.060

■ 3, 14.667, 21.060

■ 0, 14.667, 21.060

■ 53, 14.667, 21.060

■ 53, 14.667, 21.060

■ 49, 21.868, 22.180

■ 57, 7.944, 20.188

■ 45, 29.503, 23.621

■ 62, 1.706, 19.316

41, 37.460, 25.491

67, 4.072, 199.171

38, 45.558, 27.890

71, 9.426, 198.693

35, 53.536, 30.870

76, 14.402,
198.344

33, 61.024, 34.306

80, 19.041,
198.067

32, 67.307, 37.645

31, 70.939, 39.528

85, 23.385,
197.842

90, 27.471,
197.656

94, 31.148,
197.500

Harmonies

Complementary

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



53, 14.667, 21.060



61, 12.647, 198.289

Rectangle

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



53, 14.667, 21.060



53, 14.667, 71.060



53, 14.667, 201.060



53, 14.667, 251.060

Sweetspot

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



53, 14.666, 21.066



76, 5.232, 19.740



54, 24.147, 325.653



40, 3.398, 19.781



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



53, 14.666, 21.066



65, 21.813, 21.551



58, 12.384, 72.647



30, 3.439, 19.903



28, 66.112, 39.051



1, 3.595, 19.412

Inverse Universe

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



61, 12.647, 198.289



77, 18.191, 198.074



56, 11.667, 258.699



32, 3.249, 199.007



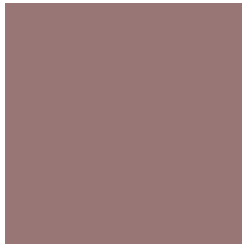
53, 32.116, 196.400



3, 3.595, 199.430

Previews

White Background



This preview shows how the CIELCh color 53, 14.667, 21.060 looks on a white background.

Color Contrast Check

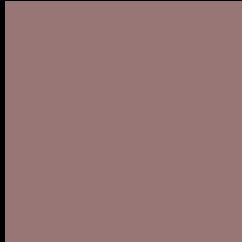
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.667, 21.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

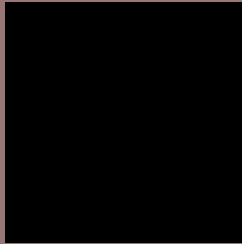
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 14.667, 21.060

Background



This preview shows how black text looks on a background with the CIELCh color 53, 14.667, 21.060.



This preview shows how white text looks on a background with the CIELCh color 53, 14.667, 21.060.

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, 14.667, 21.060

Protanopia

53, 2.353, 66.618

Deuteranopia

53, 9.236, 38.347



Tritanopia
53, 15.966, 2.484

Trichromacy



Original Color
53, 14.667, 21.060

Protanomaly
53, 6.257, 30.584

Deuteranomaly
53, 11.145, 32.383

Tritanomaly
53, 15.632, 8.574

Monochromacy



Original Color
53, 14.667, 21.060

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 5.279, 19.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 14.667, 21.060 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(153, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 118, 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(153, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 118, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 14.667, 21.060 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(153, 118, 118) }
```

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

```
.border{ border-color:rgb(153, 118, 118) }
```

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

Here you see how a box with a 4 pixel rgb(153, 118, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 118,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 14.667, 21.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 118, 118) }
```

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

```
.background{ background-color: rgb(153,  
118, 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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