

Converting Colors

CIELCh(53, 23.993, 22.264)

Have a look what the booklet for
CIELCh(53, 23.993, 22.264) contains.

CIELCh(53, 23.993, 22.264)	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, 23.993, 22.264)

Conversions

Conversions Part 1

Format	Color
Hex	A87070
RGB	168, 112, 112
RGB Percent	66%, 44%, 44%
CMY	0.3416, 0.5612, 0.5612
CMYK	0.00, 0.33, 0.33, 0.34
HSL	0°, 24%, 55%
HSV	0°, 33%, 66%
XYZ	24.8269, 21.0462, 18.0538
YIQ	128.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

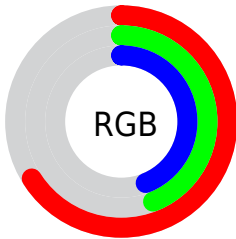
Format	Color
R_{YB}	168, 112, 112
Decimal	11038832
CIE _{Lab}	53.00, 22.20, 9.09
CIE _{LCh}	53, 23.993, 22.264
Yxy	21.0462, 0.3884, 0.3292
Android (android.graphics.Color)	4289228912 (0xFFA87070)
YUV	128.7440, -8.2548, 34.4275
Hunter-Lab	45.8761, 16.3161, 8.7807

Details

The CIELCh color **53, 23.993, 22.264** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 19.125, 197.808**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 24.242, 21.580**, and **33, 24.112, 22.281** is the 20% darker color. If you saturate the color by 10%, you get **49, 32.258, 23.750**, and if you desaturate by 10%, it is **58, 16.188, 21.126**.

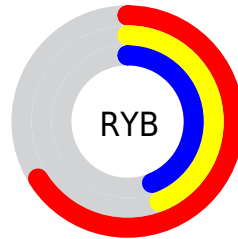
Distribution



Red (66%)

Green (44%)

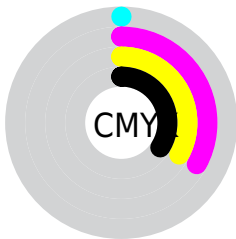
Blue (44%)



Red (66%)

Yellow (44%)

Blue (44%)

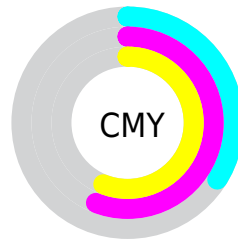


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (34%)



Cyan (34%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 23.993, 22.264 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, 23.993, 22.264 by changing the saturation by 10% instead.

■ 53, 23.993, 22.264

■ 53, 23.993, 22.264

■ 100, 23.993,
22.264

■ 43, 23.993, 22.264

■ 73, 23.993, 22.264

■ 33, 23.993, 22.264

■ 83, 23.993, 22.264

■ 23, 23.993, 22.264

■ 93, 23.993, 22.264

■ 13, 23.993, 22.264

■ 3, 23.993, 22.264

■ 0, 23.993, 22.264

■ 53, 23.993, 22.264

■ 53, 23.993, 22.264

■ 49, 32.258, 23.750

■ 58, 16.188, 21.126

■ 45, 40.862, 25.676

■ 62, 8.906, 20.230

41, 49.597, 28.146

67, 2.149, 19.381

38, 58.170, 31.204

72, 4.105, 199.193

36, 66.155, 34.693

77, 9.898, 198.702

35, 72.699, 37.980

82, 15.277,
198.347

35, 76.310, 39.858

87, 20.289,
198.066

92, 24.980,
197.839

95, 27.321,
197.733

Harmonies

Complementary

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



53, 23.993, 22.264



65, 19.125, 197.808

Rectangle

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



53, 23.993, 22.264



53, 23.993, 72.264



53, 23.993, 202.264



53, 23.993, 252.264

Sweetspot

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



53, 23.991, 22.268



81, 8.190, 19.979



55, 37.849, 326.211



42, 5.608, 20.084



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 23.991, 22.268



64, 36.682, 23.325



60, 19.968, 71.337



33, 3.724, 19.909



30, 69.026, 39.360



1, 6.572, 19.407

Inverse Universe

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



65, 19.125, 197.808



82, 27.610, 197.516



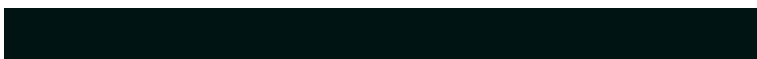
57, 18.219, 260.707



35, 3.516, 198.994



55, 33.386, 196.391



5, 6.571, 199.426

Previews

White Background



This preview shows how the CIELCh color 53, 23.993, 22.264 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, 23.993, 22.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

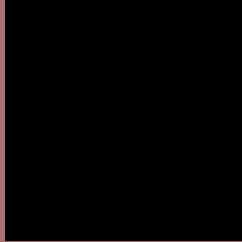
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 23.993, 22.264

Background



This preview shows how black text looks on a background with the CIELCh color 53, 23.993, 22.264.



This preview shows how white text looks on a background with the CIELCh color 53, 23.993, 22.264.

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, 23.993, 22.264

Protanopia

53, 4.001, 79.105

Deuteranopia

53, 12.057, 54.977



Tritanopia
53, 24.652, 11.884

Trichromacy



Original Color
53, 23.993, 22.264

Protanomaly
53, 9.889, 33.794

Deuteranomaly
53, 15.567, 35.849

Tritanomaly
53, 24.642, 15.848

Monochromacy



Original Color
53, 23.993, 22.264

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 8.199, 20.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 23.993, 22.264 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(168, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 112, 112)  
}
```

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(168, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 112, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 23.993, 22.264 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(168, 112, 112) }
```

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

```
.border{ border-color:rgb(168, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 112,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 23.993, 22.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 112, 112) }
```

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

```
.background{ background-color: rgb(168,  
112, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor