

Converting Colors

CIELCh(53, 21.293, 21.902)

Have a look what the booklet for
CIELCh(53, 21.293, 21.902) contains.

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Color

CIELCh(53, 21.293, 21.902)

Conversions

Conversions Part 1

Format	Color
Hex	A47272
RGB	164, 114, 114
RGB Percent	64%, 45%, 45%
CMY	0.3580, 0.5540, 0.5540
CMYK	0.00, 0.31, 0.31, 0.36
HSL	0°, 21%, 54%
HSV	0°, 31%, 64%
XYZ	24.2608, 21.0462, 18.6254
YIQ	128.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

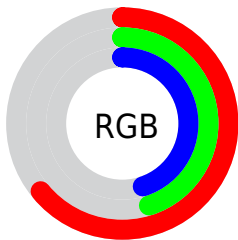
Format	Color
RYB	164, 114, 114
Decimal	10777202
CIELab	53.00, 19.76, 7.94
CIELCh	53, 21.293, 21.902
Yxy	21.0462, 0.3795, 0.3292
Android (android.graphics.Color)	4288967282 (0xFFA47272)
YUV	128.9500, -7.3703, 30.7389
Hunter-Lab	45.8761, 14.1133, 8.0419

Details

The CIELCh color **53, 21.293, 21.902** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 17.347, 197.928**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 21.338, 21.293**, and **33, 21.621, 21.578** is the 20% darker color. If you saturate the color by 10%, you get **49, 29.268, 23.277**, and if you desaturate by 10%, it is **58, 13.790, 20.847**.

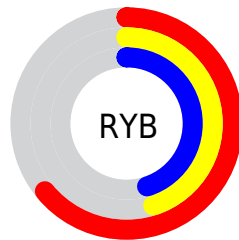
Distribution



Red (64%)

Green (45%)

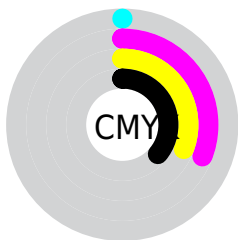
Blue (45%)



Red (64%)

Yellow (45%)

Blue (45%)

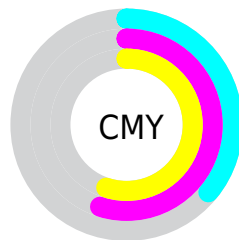


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 21.293, 21.902 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, 21.293, 21.902 by changing the saturation by 10% instead.

■ 53, 21.293, 21.902

■ 53, 21.293, 21.902

■ 100, 21.293,
21.902

■ 43, 21.293, 21.902

■ 73, 21.293, 21.902

■ 33, 21.293, 21.902

■ 83, 21.293, 21.902

■ 23, 21.293, 21.902

■ 93, 21.293, 21.902

■ 13, 21.293, 21.902

■ 3, 21.293, 21.902

■ 0, 21.293, 21.902

■ 53, 21.293, 21.902

■ 53, 21.293, 21.902

■ 49, 29.268, 23.277

■ 58, 13.790, 20.847

■ 45, 37.619, 25.059

■ 62, 6.804, 20.002

41, 46.164, 27.357

67, 0.328, 17.989

38, 54.645, 30.239

72, 5.668, 199.028

36, 62.698, 33.632

77, 11.225,
198.592

35, 69.666, 37.081

82, 16.391,
198.261

34, 74.828, 39.786

87, 21.210,
197.997

91, 25.726,
197.782

95, 28.427,
197.666

Harmonies

Complementary

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



53, 21.293, 21.902



64, 17.347, 197.928

Rectangle

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



53, 21.293, 21.902



53, 21.293, 71.902



53, 21.293, 201.902



53, 21.293, 251.902

Sweetspot

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



53, 21.291, 21.907



79, 7.133, 19.896



55, 33.996, 326.062



42, 5.023, 20.005



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, 21.291, 21.907



64, 32.622, 22.849



59, 17.785, 71.693



32, 3.629, 19.904



30, 68.063, 39.264



1, 5.464, 19.406

Inverse Universe

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



64, 17.347, 197.928



80, 25.167, 197.634



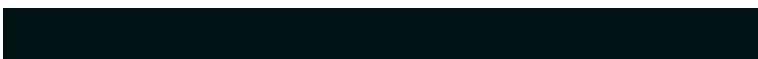
57, 16.371, 260.126



34, 3.428, 198.995



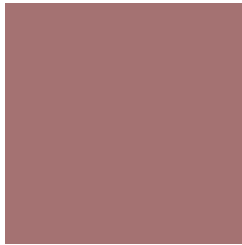
54, 32.966, 196.388



4, 5.463, 199.423

Previews

White Background



This preview shows how the CIELCh color 53, 21.293, 21.902 looks on a white background.

Color Contrast Check

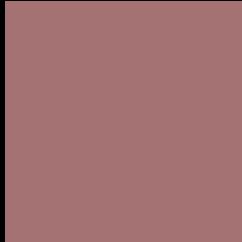
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.293, 21.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

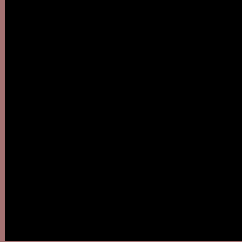
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 21.293, 21.902

Background



This preview shows how black text looks on a background with the CIELCh color 53, 21.293, 21.902.



This preview shows how white text looks on a background with the CIELCh color 53, 21.293, 21.902.

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, 21.293, 21.902

Protanopia

53, 4.001, 79.105

Deuteranopia

53, 11.000, 51.622



Tritanopia
53, 21.664, 9.946

Trichromacy



Original Color
53, 21.293, 21.902

Protanomaly
53, 9.044, 34.967

Deuteranomaly
53, 14.071, 34.926

Tritanomaly
53, 21.581, 14.465

Monochromacy



Original Color
53, 21.293, 21.902

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, 21.293, 21.902 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(164, 114, 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(164, 114, 114) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 53, 21.293, 21.902 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, 114) }
```

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

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

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, 114)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 53, 21.293, 21.902 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, 114) }
```

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

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