

Converting Colors

CIELCh(53, 30.869, 6.896)

Have a look what the booklet for
CIELCh(53, 30.869, 6.896) contains.

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Color

CIELCh(53, 30.894, 7.575)

Conversions

Conversions Part 1

Format	Color
Hex	B26A79
RGB	178, 106, 121
RGB Percent	70%, 42%, 47%
CMY	0.3033, 0.5855, 0.5266
CMYK	0.00, 0.41, 0.32, 0.30
HSL	347°, 32%, 56%
HSV	347°, 41%, 70%
XYZ	26.8412, 21.0462, 20.6419
YIQ	129.2380, 38.0970, 19.9290

Conversions

Conversions Part 2

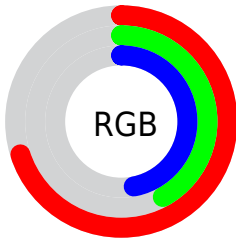
Format	Color
R_{YB}	178, 106, 121
Decimal	11692665
CIE Lab	53.00, 30.62, 4.07
CIE LCh	53, 30.894, 7.575
Yxy	21.0462, 0.3917, 0.3071
Android (android.graphics.Color)	4289882745 (0xFFB26A79)
YUV	129.2380, -4.0613, 42.7643
Hunter-Lab	45.8761, 24.1535, 5.4358

Details

The CIELCh color **53, 30.894, 7.575** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 26.156, 178.727**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 30.922, 7.430**, and **33, 30.719, 7.289** is the 20% darker color. If you saturate the color by 10%, you get **49, 38.930, 9.548**, and if you desaturate by 10%, it is **58, 22.866, 5.982**.

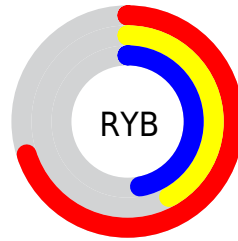
Distribution



Red (70%)

Green (42%)

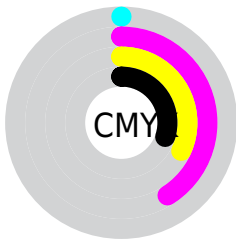
Blue (47%)



Red (70%)

Yellow (42%)

Blue (47%)

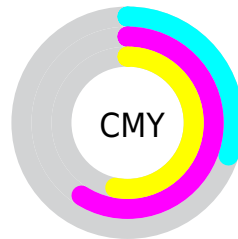


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (30%)



Cyan (30%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 30.894, 7.575 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, 30.894, 7.575 by changing the saturation by 10% instead.

 53, 30.894, 7.575

 53, 30.894, 7.575

 100, 30.894, 7.575

 43, 30.894, 7.575

 73, 30.894, 7.575

 33, 30.894, 7.575

 83, 30.894, 7.575

 23, 30.894, 7.575

 93, 30.894, 7.575

 13, 30.894, 7.575

 3, 30.894, 7.575

 0, 30.894, 7.575

 53, 30.894, 7.575

 53, 30.894, 7.575

 49, 38.930, 9.548

 58, 22.866, 5.982

 45, 46.718, 12.021

 62, 15.038, 4.662

■ 42, 53.943, 15.144

■ 67, 7.516, 3.533

■ 40, 60.331, 19.057

■ 72, 0.355, 1.348

■ 38, 65.771, 23.794

■ 77, 6.433, 181.918

■ 37, 70.376, 28.643

■ 82, 12.857,
181.168

■ 88, 18.938,
180.523

■ 93, 24.705,
179.949

■ 95, 25.447,
188.803

Harmonies

Complementary

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



53, 30.894, 7.575



68, 26.156, 178.727

Rectangle

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



53, 30.894, 7.575



53, 30.894, 57.575



53, 30.894, 187.575



53, 30.894, 237.575

Sweetspot

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



53, 30.892, 7.578



85, 10.715, 3.717



53, 45.680, 320.043



44, 7.188, 3.857



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



53, 30.892, 7.578



63, 46.907, 9.407



57, 25.780, 47.641



35, 4.056, 3.407



32, 62.662, 27.926



2, 9.431, 6.271

Inverse Universe

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



53, 30.892, 7.578



63, 46.907, 9.407



62, 19.858, 233.680



35, 4.056, 3.407



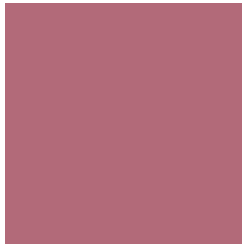
32, 62.662, 27.926



2, 9.431, 6.271

Previews

White Background



This preview shows how the CIELCh color 53, 30.894, 7.575 looks on a white background.

Color Contrast Check

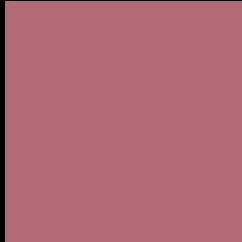
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 30.894, 7.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

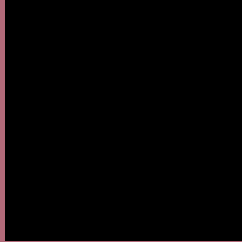
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.894, 7.575

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.894, 7.575.



This preview shows how white text looks on a background with the CIELCh color 53, 30.894, 7.575.

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, 30.894, 7.575

Protanopia

53, 3.573, 303.273

Deuteranopia

53, 8.816, 39.171



Tritanopia
53, 29.866, 14.561

Trichromacy



Original Color
53, 30.894, 7.575

Protanomaly
53, 12.090, 355.456

Deuteranomaly
53, 16.347, 17.298

Tritanomaly
53, 29.860, 12.382

Monochromacy



Original Color
53, 30.894, 7.575

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 10.978, 5.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.894, 7.575 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(178, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(178, 106, 121)  
}
```

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(178, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 106, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.894, 7.575 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(178, 106, 121) }
```

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

```
.border{ border-color:rgb(178, 106, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 106, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(178, 106,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.894, 7.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 106, 121) }
```

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

```
.background{ background-color: rgb(178,  
106, 121) }
```

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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