

Converting Colors

CIELCh(53, 13.561, 122.132)

Have a look what the booklet for
CIELCh(53, 13.561, 122.132)
contains.

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Color

CIELCh(53, 13.626, 122.679)

Conversions

Conversions Part 1

Format	Color
Hex	7A826B
RGB	122, 130, 107
RGB Percent	48%, 51%, 42%
CMY	0.5228, 0.4915, 0.5816
CMYK	0.06, 0.00, 0.18, 0.49
HSL	81°, 10%, 46%
HSV	81°, 18%, 51%
XYZ	18.5557, 21.0462, 16.9064
YIQ	124.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

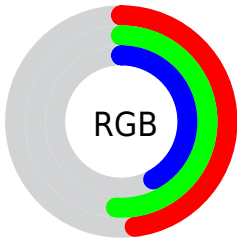
Format	Color
RYB	107, 130, 115
Decimal	8028779
CIELab	53.00, -7.36, 11.47
CIElCh	53, 13.626, 122.679
Yxy	21.0462, 0.3284, 0.3724
Android (android.graphics.Color)	4286218859 (0xFF7A826B)
YUV	124.9860, -8.8671, -2.6187
Hunter-Lab	45.8761, -8.0846, 10.2635

Details

The CIELCh color **53, 13.626, 122.679** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 14.052, 304.568**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 13.850, 121.805**, and **33, 13.587, 123.593** is the 20% darker color. If you saturate the color by 10%, you get **52, 21.255, 122.150**, and if you desaturate by 10%, it is **54, 5.942, 123.209**.

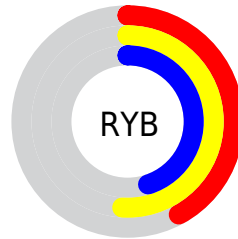
Distribution



Red (48%)

Green (51%)

Blue (42%)



Red (42%)

Yellow (51%)

Blue (45%)

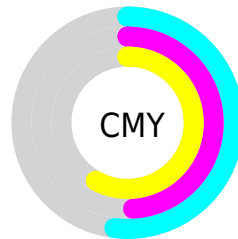


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (49%)



Cyan (52%)


Magenta (49%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 13.626, 122.679 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, 13.626, 122.679 by changing the saturation by 10% instead.


 53, 13.626,
122.679


 53, 13.626,
122.679


 100, 13.626,
122.679


 43, 13.626,
122.679


 73, 13.626,
122.679

 33, 13.626,
122.679

 83, 13.626,
122.679

 23, 13.626,
122.679

 93, 13.626,
122.679

 13, 13.626,
122.679

 3, 13.626, 122.679

 0, 13.626, 122.679

■ 53, 13.626,
122.679

■ 53, 13.626,
122.679

■ 52, 21.255,
122.150

■ 54, 5.942, 123.209

■ 52, 28.755,
121.630

■ 54, 1.752, 303.675

■ 51, 36.025,
121.149

■ 55, 9.421, 304.172

■ 51, 42.918,
120.753

■ 56, 17.038,
304.618

■ 50, 49.219,
120.507

■ 57, 24.586,
305.032

■ 50, 54.647,
120.502

■ 58, 32.050,
305.413

■ 50, 58.883,
120.842

■ 59, 39.421,
305.762

■ 49, 61.943,

■ 60, 46.692,
306.083

121.517

■ 61, 53.858,
306.375

■ 49, 62.627,
121.656

Harmonies

Complementary

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



53, 13.626, 122.679



47, 14.052, 304.568

Rectangle

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



53, 13.626, 122.679



53, 13.626, 172.679



53, 13.626, 302.679



53, 13.626, 352.679

Sweetspot

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



53, 13.627, 122.682



69, 4.753, 123.346



49, 7.901, 54.336



35, 3.228, 123.315



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 13.627, 122.682



67, 19.960, 122.483



52, 15.465, 138.947



27, 4.273, 123.138



48, 61.857, 121.630



0, 0.000, 0.000

Inverse Universe

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



47, 14.052, 304.568



58, 20.722, 304.803



48, 15.572, 320.565



25, 4.345, 304.061



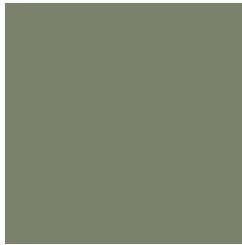
16, 76.717, 309.320



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 13.626, 122.679 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, 13.626, 122.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

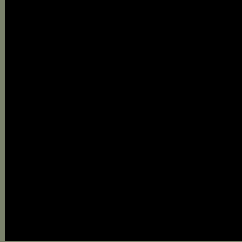
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 13.626, 122.679

Background



This preview shows how black text looks on a background with the CIELCh color 53, 13.626, 122.679.



This preview shows how white text looks on a background with the CIELCh color 53, 13.626, 122.679.

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, 13.626, 122.679

Protanopia

53, 12.446, 94.787

Deuteranopia

53, 12.810, 58.924



Tritanopia
53, 5.790, 290.903

Trichromacy



Original Color
53, 13.626, 122.679

Protanomaly
53, 12.101, 104.644

Deuteranomaly
53, 11.054, 81.490

Tritanomaly
53, 1.667, 155.658

Monochromacy



Original Color
53, 13.626, 122.679

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 5.341, 122.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 13.626, 122.679 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(122, 130, 107)` looks like.

```
.text, #text, p{  
    color:rgb(122, 130, 107)  
}
```

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(122, 130, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 130, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 13.626, 122.679 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(122, 130, 107) }
```

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

```
.border{ border-color:rgb(122, 130, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 130, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 130, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 130, 107);  
box-shadow:4px 4px 4px 4px rgb(122, 130,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 13.626, 122.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 130, 107) }
```

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

```
.background{ background-color: rgb(122,  
130, 107) }
```

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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