

Converting Colors

CIELCh(53, 32.581, 121.060)

Have a look what the booklet for
CIELCh(53, 32.581, 121.060)
contains.

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Color

CIELCh(53, 32.581, 121.060)

Conversions

Conversions Part 1

Format	Color
Hex	72854D
RGB	114, 133, 77
RGB Percent	45%, 52%, 30%
CMY	0.5512, 0.4767, 0.6964
CMYK	0.14, 0.00, 0.42, 0.48
HSL	80°, 27%, 41%
HSV	80°, 42%, 52%
XYZ	16.8000, 21.0462, 10.2752
YIQ	120.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

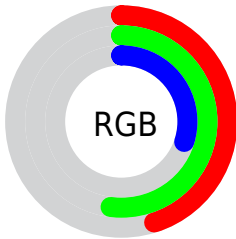
Format	Color
RYB	77, 133, 96
Decimal	7505229
CIELab	53.00, -16.81, 27.91
CIELCh	53, 32.581, 121.060
Yxy	21.0462, 0.3491, 0.4374
Android (android.graphics.Color)	4285695309 (0xFF72854D)
YUV	120.9350, -21.6600, -6.0820
Hunter-Lab	45.8761, -14.9157, 18.8336

Details

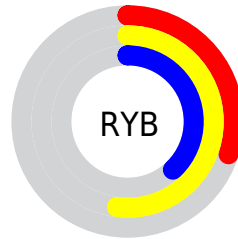
The CIELCh color **53, 32.581, 121.060** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **37, 35.320, 305.973**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 32.402, 120.862**, and **33, 32.132, 120.626** is the 20% darker color. If you saturate the color by 10%, you get **52, 39.861, 120.605**, and if you desaturate by 10%, it is **54, 25.007, 121.577**.

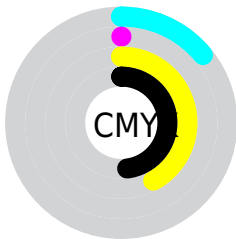
Distribution



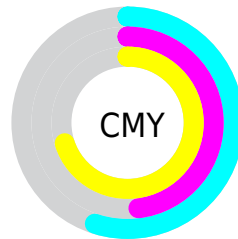
- Red (45%)
- Green (52%)
- Blue (30%)



- Red (30%)
- Yellow (52%)
- Blue (38%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (48%)





- Cyan (55%)
- Magenta (48%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.581, 121.060 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, 32.581, 121.060 by changing the saturation by 10% instead.


 53, 32.581,
121.060


 53, 32.581,
121.060


 100, 32.581,
121.060


 43, 32.581,
121.060


 73, 32.581,
121.060

 33, 32.581,
121.060

 83, 32.581,
121.060

 23, 32.581,
121.060

 93, 32.581,
121.060

 13, 32.581,
121.060

 3, 32.581, 121.060

 0, 32.581, 121.060

■ 53, 32.581,
121.060

■ 53, 32.581,
121.060

■ 52, 39.861,
120.605

■ 54, 25.007,
121.577

■ 52, 46.664,
120.260

■ 54, 17.259,
122.114

■ 52, 52.738,
120.103

■ 55, 9.422, 122.651

■ 51, 57.768,
120.232

■ 56, 1.556, 123.196

■ 56, 6.299, 303.654

■ 51, 61.444,
120.752

■ 57, 14.114,
304.123

■ 51, 63.786,
121.308

■ 58, 21.865,
304.559

■ 59, 29.539,
304.961

■ 60, 37.122,
305.331

Harmonies

Complementary

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



53, 32.581, 121.060



37, 35.320, 305.973

Rectangle

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



53, 32.581, 121.060



53, 32.581, 171.060



53, 32.581, 301.060



53, 32.581, 351.060

Sweetspot

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



53, 32.582, 121.062



70, 12.655, 122.582



44, 20.895, 52.819



36, 8.817, 122.478



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 32.582, 121.062



67, 47.542, 120.641



51, 37.332, 137.420



28, 4.409, 122.804



49, 62.591, 121.271



1, 1.059, 123.266

Inverse Universe

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



37, 35.320, 305.973



44, 52.664, 306.695



40, 37.836, 321.603



26, 4.484, 303.747



16, 77.967, 309.164



0, 1.059, 303.265

Previews

White Background



This preview shows how the CIELCh color 53, 32.581, 121.060 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, 32.581, 121.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

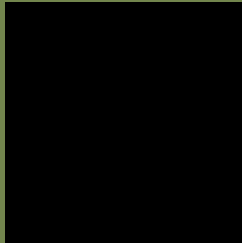
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.581, 121.060

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.581, 121.060.



This preview shows how white text looks on a background with the CIELCh color 53, 32.581, 121.060.

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, 32.581, 121.060

Protanopia
53, 29.495, 95.777

Deuteranopia
53, 27.779, 76.407



Tritanopia
53, 6.054, 272.549

Trichromacy



Original Color
53, 32.581, 121.060

Protanomaly
53, 29.921, 106.384

Deuteranomaly
53, 27.336, 95.287

Tritanomaly
53, 9.069, 135.745

Monochromacy



Original Color
53, 32.581, 121.060

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 12.481, 122.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.581, 121.060 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(114, 133, 77)` looks like.

```
.text, #text, p{  
    color:rgb(114, 133, 77)  
}
```

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(114, 133, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 133, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.581, 121.060 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(114, 133, 77) }
```

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

```
.border{ border-color:rgb(114, 133, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 133, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 133, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 133, 77);  
box-shadow:4px 4px 4px 4px rgb(114, 133,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.581, 121.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 133, 77) }
```

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

```
.background{ background-color: rgb(114,  
133, 77) }
```

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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