

Converting Colors

CIELCh(53, 33.852, 124.897)

Have a look what the booklet for
CIELCh(53, 33.852, 124.897)
contains.

CIELCh(53, 33.815, 124.910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 33.815, 124.910)

Conversions

Conversions Part 1

Format	Color
Hex	6E874E
RGB	110, 135, 78
RGB Percent	43%, 53%, 31%
CMY	0.5702, 0.4722, 0.6956
CMYK	0.19, 0.00, 0.42, 0.47
HSL	86°, 27%, 42%
HSV	86°, 42%, 53%
XYZ	16.3475, 21.0462, 10.3362
YIQ	121.0270, 3.3970, -23.0270

Conversions

Conversions Part 2

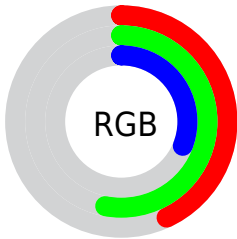
Format	Color
RYB	78, 135, 103
Decimal	7243598
CIELab	53.00, -19.35, 27.73
CIELCh	53, 33.815, 124.910
Yxy	21.0462, 0.3425, 0.4409
Android (android.graphics.Color)	4285433678 (0xFF6E874E)
YUV	121.0270, -21.2123, -9.6707
Hunter-Lab	45.8761, -16.6763, 18.7548

Details

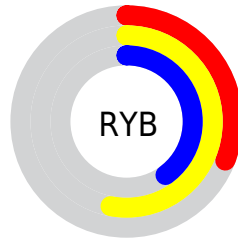
The CIELCh color **53, 33.815, 124.910** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **38, 36.195, 309.165**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 33.533, 124.530**, and **33, 33.493, 124.801** is the 20% darker color. If you saturate the color by 10%, you get **52, 41.340, 124.496**, and if you desaturate by 10%, it is **54, 25.998, 125.380**.

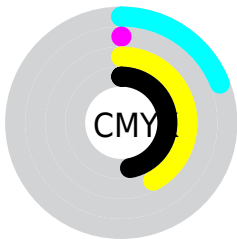
Distribution



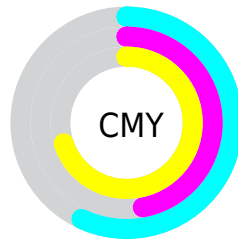
- Red (43%)
- Green (53%)
- Blue (31%)



- Red (31%)
- Yellow (53%)
- Blue (40%)



- Cyan (19%)
- Magenta (0%)
- Yellow (42%)
- Black (47%)





- Cyan (57%)
- Magenta (47%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 33.815, 124.910 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, 33.815, 124.910 by changing the saturation by 10% instead.


 53, 33.815,
124.910


 53, 33.815,
124.910


 100, 33.815,
124.910


 43, 33.815,
124.910


 73, 33.815,
124.910


 33, 33.815,
124.910


 83, 33.815,
124.910

 23, 33.815,
124.910

 93, 33.815,
124.910

 13, 33.815,
124.910

 3, 33.815, 124.910

 0, 33.815, 124.910

■ 53, 33.815,
124.910

■ 53, 33.815,
124.910

■ 52, 41.340,
124.496

■ 54, 25.998,
125.380

■ 52, 48.384,
124.192

■ 54, 18.013,
125.866

■ 51, 54.692,
124.080

■ 55, 9.950, 126.347

■ 51, 59.944,
124.268

■ 56, 1.873, 126.836

■ 57, 6.175, 307.215

■ 51, 63.832,
124.867

■ 58, 14.162,
307.620

■ 50, 66.258,
125.440

■ 59, 22.064,
307.987

■ 60, 29.865,
308.321

■ 61, 37.554,
308.623

Harmonies

Complementary

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



53, 33.815, 124.910



38, 36.195, 309.165

Rectangle

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



53, 33.815, 124.910



53, 33.815, 174.910



53, 33.815, 304.910



53, 33.815, 354.910

Sweetspot

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



53, 33.816, 124.912



70, 13.057, 126.301



46, 21.187, 63.393



37, 9.209, 126.207



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 33.816, 124.912



67, 50.157, 124.503



51, 39.073, 139.837



28, 4.493, 126.500



49, 64.604, 125.386



1, 1.078, 126.900

Inverse Universe

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



38, 36.195, 309.165



45, 54.696, 309.758



41, 39.199, 324.645



26, 4.559, 307.311



18, 76.451, 310.921



0, 1.078, 306.898

Previews

White Background



This preview shows how the CIELCh color 53, 33.815, 124.910 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, 33.815, 124.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

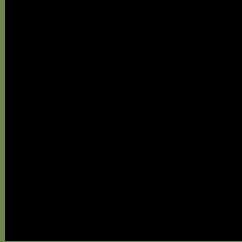
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 33.815, 124.910

Background



This preview shows how black text looks on a background with the CIELCh color 53, 33.815, 124.910.



This preview shows how white text looks on a background with the CIELCh color 53, 33.815, 124.910.

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](#).

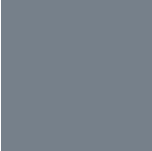
Dichromacy



Original Color
53, 33.815, 124.910

Protanopia
53, 29.495, 95.777

Deuteranopia
53, 27.281, 75.923



Tritanopia
53, 6.826, 257.356

Trichromacy



Original Color
53, 33.815, 124.910

Protanomaly
53, 29.925, 107.243

Deuteranomaly
53, 26.698, 96.098

Tritanomaly
53, 10.138, 145.627

Monochromacy



Original Color
53, 33.815, 124.910

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 12.715, 125.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 33.815, 124.910 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(110, 135, 78)` looks like.

```
.text, #text, p{  
    color:rgb(110, 135, 78)  
}
```

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(110, 135, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 135, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 33.815, 124.910 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(110, 135, 78) }
```

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

```
.border{ border-color:rgb(110, 135, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 135, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 135, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 135, 78);  
box-shadow:4px 4px 4px 4px rgb(110, 135,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 33.815, 124.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 135, 78) }
```

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

```
.background{ background-color: rgb(110,  
135, 78) }
```

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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