

Converting Colors

CIELCh(53, 43.287, 110.153)

Have a look what the booklet for
CIELCh(53, 43.287, 110.153)
contains.

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Color

CIELCh(53, 43.274, 110.282)

Conversions

Conversions Part 1

Format	Color
Hex	7B8435
RGB	123, 132, 53
RGB Percent	48%, 52%, 21%
CMY	0.5168, 0.4815, 0.7914
CMYK	0.07, 0.00, 0.60, 0.48
HSL	67°, 43%, 36%
HSV	67°, 60%, 52%
XYZ	17.1271, 21.0462, 6.5523
YIQ	120.3030, 19.9950, -26.4770

Conversions

Conversions Part 2

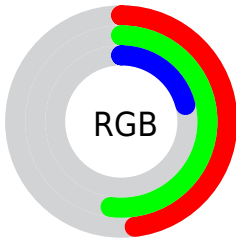
Format	Color
RYB	53, 132, 62
Decimal	8094773
CIELab	53.00, -15.00, 40.59
CIELCh	53, 43.274, 110.282
Yxy	21.0462, 0.3829, 0.4706
Android (android.graphics.Color)	4286284853 (0xFF7B8435)
YUV	120.3030, -33.1804, 2.3653
Hunter-Lab	45.8761, -13.6432, 23.6451

Details

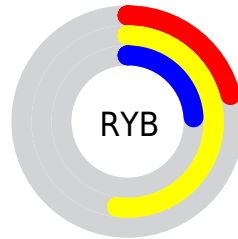
The CIELCh color **53, 43.274, 110.282** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **27, 50.870, 301.608**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.237, 110.458**, and **33, 43.304, 110.263** is the 20% darker color. If you saturate the color by 10%, you get **53, 49.135, 109.791**, and if you desaturate by 10%, it is **53, 36.720, 110.908**.

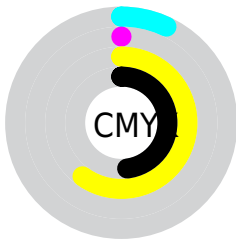
Distribution



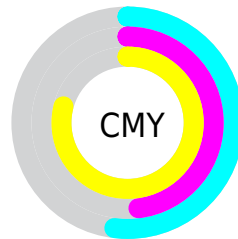
- Red (48%)
- Green (52%)
- Blue (21%)



- Red (21%)
- Yellow (52%)
- Blue (24%)



- Cyan (7%)
- Magenta (0%)
- Yellow (60%)
- Black (48%)





- Cyan (52%)
- Magenta (48%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 43.274, 110.282 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, 43.274, 110.282 by changing the saturation by 10% instead.


 53, 43.274,
110.282


 53, 43.274,
110.282


 100, 43.274,
110.282


 43, 43.274,
110.282


 73, 43.274,
110.282

 33, 43.274,
110.282

 83, 43.274,
110.282

 23, 43.274,
110.282

 93, 43.274,
110.282

 13, 43.274,
110.282

 3, 43.274, 110.282

 0, 43.274, 110.282

■ 53, 43.274,
110.282

■ 53, 43.274,
110.282

■ 53, 49.135,
109.791

■ 53, 36.720,
110.908

■ 53, 53.988,
109.490

■ 54, 29.713,
111.615

■ 52, 57.508,
109.445

■ 54, 22.423,
112.366

■ 52, 59.965,
109.598

■ 54, 14.963,
113.137

■ 52, 60.025,
109.601

■ 55, 7.408, 113.908

■ 55, 0.191, 294.749

■ 56, 7.800, 295.406

■ 56, 15.394,
296.112

■ 57, 22.956,
296.785

Harmonies

Complementary

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



53, 43.274, 110.282



27, 50.870, 301.608

Rectangle

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



53, 43.274, 110.282



53, 43.274, 160.282



53, 43.274, 290.282



53, 43.274, 340.282

Sweetspot

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



53, 43.275, 110.284



69, 16.816, 113.243



35, 35.547, 32.958



36, 11.765, 113.046



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, 43.275, 110.284



67, 61.683, 109.650



50, 48.090, 129.844



28, 4.292, 113.956



51, 59.312, 109.591



1, 1.032, 114.649

Inverse Universe

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



27, 50.870, 301.608



30, 76.509, 303.778



32, 51.198, 314.979



25, 4.380, 295.385



14, 80.505, 306.822



0, 1.033, 294.649

Previews

White Background



This preview shows how the CIELCh color 53, 43.274, 110.282 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, 43.274, 110.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

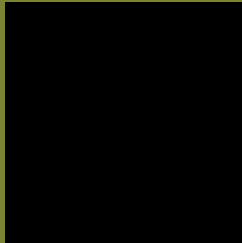
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 43.274, 110.282

Background



This preview shows how black text looks on a background with the CIELCh color 53, 43.274, 110.282.



This preview shows how white text looks on a background with the CIELCh color 53, 43.274, 110.282.

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, 43.274, 110.282

Protanopia

53, 41.878, 95.857

Deuteranopia

53, 39.852, 80.131



Tritanopia
53, 6.620, 319.105

Trichromacy



Original Color
53, 43.274, 110.282

Protanomaly
53, 42.295, 101.038

Deuteranomaly
53, 39.230, 91.363

Tritanomaly
53, 12.672, 104.741

Monochromacy



Original Color
53, 43.274, 110.282

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 16.745, 112.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 43.274, 110.282 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(123, 132, 53)` looks like.

```
.text, #text, p{  
    color:rgb(123, 132, 53)  
}
```

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(123, 132, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 132, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 43.274, 110.282 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(123, 132, 53) }
```

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

```
.border{ border-color:rgb(123, 132, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 132, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 132, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 132, 53);  
box-shadow:4px 4px 4px 4px rgb(123, 132,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 43.274, 110.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 132, 53) }
```

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

```
.background{ background-color: rgb(123,  
132, 53) }
```

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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