

Converting Colors

CIELCh(53, 37.641, 114.484)

Have a look what the booklet for
CIELCh(53, 37.641, 114.484)
contains.

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Color

CIELCh(53, 37.641, 114.484)

Conversions

Conversions Part 1

Format	Color
Hex	788542
RGB	120, 133, 66
RGB Percent	47%, 52%, 26%
CMY	0.5307, 0.4797, 0.7424
CMYK	0.10, 0.00, 0.50, 0.48
HSL	72°, 34%, 39%
HSV	72°, 50%, 52%
XYZ	17.0183, 21.0462, 8.2730
YIQ	121.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

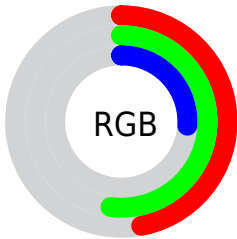
Format	Color
RYB	66, 133, 79
Decimal	7898434
CIELab	53.00, -15.60, 34.26
CIElCh	53, 37.641, 114.484
Yxy	21.0462, 0.3673, 0.4542
Android (android.graphics.Color)	4286088514 (0xFF788542)
YUV	121.4750, -27.3492, -1.2936
Hunter-Lab	45.8761, -14.0666, 21.4213

Details

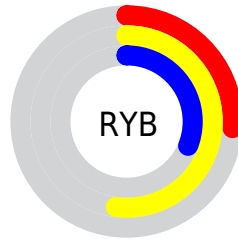
The CIELCh color **53, 37.641, 114.484** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **32, 42.498, 302.419**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 37.405, 114.215**, and **33, 37.956, 114.404** is the 20% darker color. If you saturate the color by 10%, you get **53, 44.257, 113.981**, and if you desaturate by 10%, it is **53, 30.567, 115.086**.

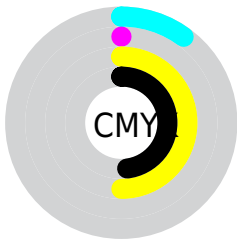
Distribution



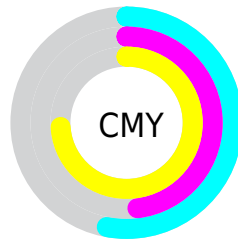
- Red (47%)
- Green (52%)
- Blue (26%)



- Red (26%)
- Yellow (52%)
- Blue (31%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 37.641, 114.484 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, 37.641, 114.484 by changing the saturation by 10% instead.

 53, 37.641,
114.484

 53, 37.641,
114.484

 100, 37.641,
114.484


 43, 37.641,
114.484


 73, 37.641,
114.484

 33, 37.641,
114.484

 83, 37.641,
114.484

 23, 37.641,
114.484

 93, 37.641,
114.484

 13, 37.641,
114.484

 3, 37.641, 114.484

 0, 37.641, 114.484

■ 53, 37.641,
114.484

■ 53, 37.641,
114.484

■ 53, 44.257,
113.981

■ 53, 30.567,
115.086

■ 52, 50.167,
113.632

■ 54, 23.203,
115.736

■ 52, 55.058,
113.513

■ 54, 15.667,
116.408

■ 52, 58.609,
113.708

■ 55, 8.036, 117.081

■ 52, 61.070,
114.096

■ 55, 0.364, 117.757

■ 56, 7.314, 298.373

■ 57, 14.970,
298.980

■ 57, 22.586,
299.554

■ 58, 30.147,
300.095

Harmonies

Complementary

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



53, 37.641, 114.484



32, 42.498, 302.419

Rectangle

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



53, 37.641, 114.484



53, 37.641, 164.484



53, 37.641, 294.484



53, 37.641, 344.484

Sweetspot

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



53, 37.642, 114.486



70, 14.298, 116.755



39, 27.577, 38.344



36, 9.709, 116.634



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, 37.642, 114.486



67, 55.294, 113.900



51, 42.335, 132.776



28, 4.321, 117.171



51, 60.188, 114.076



1, 1.039, 117.768

Inverse Universe

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



32, 42.498, 302.419



36, 64.905, 303.887



36, 43.980, 317.249



26, 4.407, 298.399



15, 79.797, 307.412



0, 1.039, 297.768

Previews

White Background



This preview shows how the CIELCh color 53, 37.641, 114.484 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, 37.641, 114.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

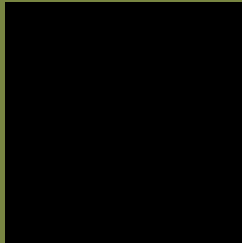
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 37.641, 114.484

Background



This preview shows how black text looks on a background with the CIELCh color 53, 37.641, 114.484.



This preview shows how white text looks on a background with the CIELCh color 53, 37.641, 114.484.

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, 37.641, 114.484

Protanopia

53, 35.473, 95.152

Deuteranopia

53, 33.796, 77.447



Tritanopia
53, 5.928, 302.214

Trichromacy



Original Color
53, 37.641, 114.484

Protanomaly
53, 35.337, 101.955

Deuteranomaly
53, 33.249, 92.342

Tritanomaly
53, 10.433, 115.733

Monochromacy



Original Color
53, 37.641, 114.484

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 13.951, 115.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 37.641, 114.484 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(120, 133, 66)` looks like.

```
.text, #text, p{  
    color:rgb(120, 133, 66)  
}
```

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(120, 133, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 133, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 37.641, 114.484 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(120, 133, 66) }
```

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

```
.border{ border-color:rgb(120, 133, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 133, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 133, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 133, 66);  
box-shadow:4px 4px 4px 4px rgb(120, 133,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 37.641, 114.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 133, 66) }
```

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

```
.background{ background-color: rgb(120,  
133, 66) }
```

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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