

Converting Colors

CIELCh(55, 47.221, 137.548)

Have a look what the booklet for
CIELCh(55, 47.221, 137.548)
contains.

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Color

CIELCh(55, 47.221, 137.548)

Conversions

Conversions Part 1

Format	Color
Hex	54924A
RGB	84, 146, 74
RGB Percent	33%, 57%, 29%
CMY	0.6707, 0.4275, 0.7099
CMYK	0.42, 0.00, 0.49, 0.43
HSL	112°, 33%, 43%
HSV	112°, 49%, 57%
XYZ	15.1657, 22.9298, 10.1019
YIQ	119.2540, -13.8400, -35.5360

Conversions

Conversions Part 2

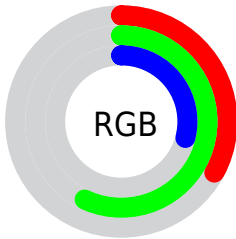
Format	Color
RYB	74, 146, 136
Decimal	5542474
CIELab	55.00, -34.84, 31.87
CIElCh	55, 47.221, 137.548
Yxy	22.9298, 0.3147, 0.4757
Android (android.graphics.Color)	4283732554 (0xFF54924A)
YUV	119.2540, -22.3102, -30.9178
Hunter-Lab	47.8851, -27.2661, 21.0116

Details

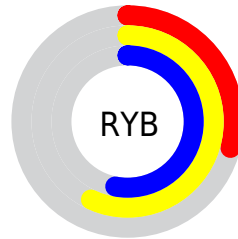
The CIELCh color $55, 47.221, 137.548$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42, 47.722, 322.742$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 47.026, 137.494$, and $35, 47.135, 137.575$ is the 20% darker color. If you saturate the color by 10%, you get $54, 55.837, 136.781$, and if you desaturate by 10%, it is $56, 38.015, 138.300$.

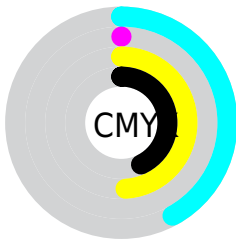
Distribution



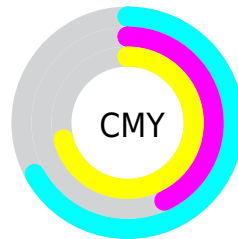
- Red (33%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (53%)



- Cyan (42%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)





- Cyan (67%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 47.221, 137.548 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 55, 47.221, 137.548 by changing the saturation by 10% instead.


 55, 47.221,
137.548


 55, 47.221,
137.548

 100, 47.221,
137.548


 45, 47.221,
137.548


 75, 47.221,
137.548

 35, 47.221,
137.548

 85, 47.221,
137.548

 25, 47.221,
137.548

 95, 47.221,
137.548

 15, 47.221,
137.548

 5, 47.221, 137.548

 0, 47.221, 137.548

■ 55, 47.221,
137.548

■ 55, 47.221,
137.548

■ 54, 55.837,
136.781

■ 56, 38.015,
138.300

■ 54, 63.546,
136.067

■ 57, 28.459,
138.996

■ 53, 69.970,
135.510

■ 58, 18.742,
139.623

■ 53, 74.726,
135.231

■ 59, 9.002, 140.182

■ 53, 77.897,
135.149

■ 61, 0.659, 320.368

■ 62, 10.169,
321.029

■ 53, 78.095,
135.130

■ 64, 19.479,
321.387

■ 65, 28.557,
321.689

■ 67, 37.385,
321.945

Harmonies

Complementary

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



55, 47.221, 137.548



42, 47.722, 322.742

Rectangle

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



55, 47.221, 137.548



55, 47.221, 187.548



55, 47.221, 317.548



55, 47.221, 7.548

Sweetspot

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



55, 47.222, 137.549



74, 17.916, 139.855



56, 34.475, 97.833



38, 12.192, 139.748



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 47.222, 137.549



69, 68.337, 136.715



55, 38.143, 151.781



31, 5.514, 140.187



50, 74.803, 135.088



2, 4.808, 140.609

Inverse Universe

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



42, 47.722, 322.742



49, 68.939, 323.077



42, 38.774, 340.402



29, 5.537, 321.004



29, 73.856, 323.026



1, 4.809, 320.605

Previews

White Background



This preview shows how the CIELCh color 55, 47.221, 137.548 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 55, 47.221, 137.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

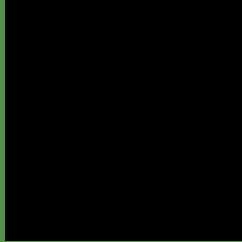
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 47.221, 137.548

Background



This preview shows how black text looks on a background with the CIELCh color 55, 47.221, 137.548.



This preview shows how white text looks on a background with the CIELCh color 55, 47.221, 137.548.

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
55, 47.221, 137.548

Protanopia
55, 35.209, 96.090

Deuteranopia
55, 30.834, 76.497



Tritanopia
55, 15.031, 223.259

Trichromacy



Original Color
55, 47.221, 137.548

Protanomaly
54, 36.609, 115.563

Deuteranomaly
54, 31.404, 107.099

Tritanomaly
55, 21.242, 166.396

Monochromacy



Original Color
55, 47.221, 137.548

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 17.805, 140.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 47.221, 137.548 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(84, 146, 74)` looks like.

```
.text, #text, p{  
    color:rgb(84, 146, 74)  
}
```

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(84, 146, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 146, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 47.221, 137.548 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(84, 146, 74) }
```

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

```
.border{ border-color:rgb(84, 146, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 146, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 146, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 146, 74);  
box-shadow:4px 4px 4px 4px rgb(84, 146,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 47.221, 137.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 146, 74) }
```

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

```
.background{ background-color: rgb(84, 146,  
74) }
```

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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