

Converting Colors

CIELCh(55, 37.410, 145.977)

Have a look what the booklet for
CIELCh(55, 37.410, 145.977)
contains.

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Color

CIELCh(55, 37.606, 145.962)

Conversions

Conversions Part 1

Format	Color
Hex	54915E
RGB	84, 145, 94
RGB Percent	33%, 57%, 37%
CMY	0.6707, 0.4315, 0.6315
CMYK	0.42, 0.00, 0.35, 0.43
HSL	130°, 27%, 45%
HSV	130°, 42%, 57%
XYZ	15.7913, 22.9298, 14.1750
YIQ	120.9470, -19.9850, -28.7930

Conversions

Conversions Part 2

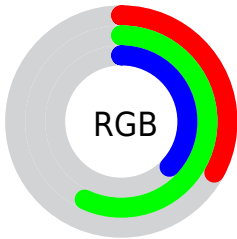
Format	Color
RYB	84, 136, 145
Decimal	5542238
CIELab	55.00, -31.16, 21.05
CIElCh	55, 37.606, 145.962
Yxy	22.9298, 0.2985, 0.4335
Android (android.graphics.Color)	4283732318 (0xFF54915E)
YUV	120.9470, -13.2849, -32.4025
Hunter-Lab	47.8851, -24.9341, 15.9685

Details

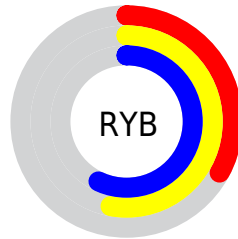
The CIELCh color $55, 37.606, 145.962$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 37.627, 331.864$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 37.417, 146.257$, and $35, 37.752, 145.911$ is the 20% darker color. If you saturate the color by 10%, you get $54, 45.987, 144.826$, and if you desaturate by 10%, it is $56, 28.844, 146.954$.

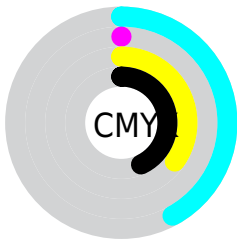
Distribution



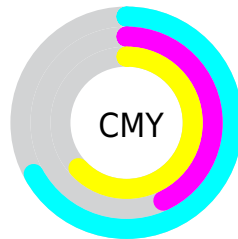
- Red (33%)
- Green (57%)
- Blue (37%)



- Red (33%)
- Yellow (53%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (35%)
- Black (43%)





- Cyan (67%)
- Magenta (43%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 37.606, 145.962 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, 37.606, 145.962 by changing the saturation by 10% instead.


 55, 37.606,
145.962


 55, 37.606,
145.962


 100, 37.606,
145.962


 45, 37.606,
145.962


 75, 37.606,
145.962

 35, 37.606,
145.962

 85, 37.606,
145.962

 25, 37.606,
145.962

 95, 37.606,
145.962

 15, 37.606,
145.962

 5, 37.606, 145.962

 0, 37.606, 145.962

■ 55, 37.606,
145.962

■ 55, 37.606,
145.962

■ 54, 45.987,
144.826

■ 56, 28.844,
146.954

■ 53, 53.789,
143.545

■ 57, 19.872,
147.815

■ 53, 60.806,
142.136

■ 58, 10.835,
148.564

■ 53, 66.830,
140.645

■ 60, 1.848, 149.307

■ 52, 71.671,
139.153

■ 61, 7.005, 329.697

■ 52, 74.683,
138.156

■ 63, 15.664,
330.194

■ 65, 24.088,
330.617

■ 67, 32.256,
330.986

■ 69, 40.158,
331.311

Harmonies

Complementary

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



55, 37.606, 145.962



44, 37.627, 331.864

Rectangle

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



55, 37.606, 145.962



55, 37.606, 195.962



55, 37.606, 325.962



55, 37.606, 15.962

Sweetspot

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



55, 37.607, 145.962



74, 14.468, 148.480



58, 33.919, 113.027



38, 10.101, 148.335



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, 37.607, 145.962



69, 54.830, 144.951



56, 25.546, 168.326



30, 4.994, 148.766



49, 70.799, 138.258



2, 3.361, 149.304

Inverse Universe

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



44, 37.627, 331.864



54, 54.610, 332.438



43, 28.236, 357.428



28, 5.007, 329.809



30, 63.644, 335.808



1, 3.361, 329.298

Previews

White Background



This preview shows how the CIELCh color 55, 37.606, 145.962 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, 37.606, 145.962 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, 37.606, 145.962

Background



This preview shows how black text looks on a background with the CIELCh color 55, 37.606, 145.962.



This preview shows how white text looks on a background with the CIELCh color 55, 37.606, 145.962.

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, 37.606, 145.962

Protanopia
55, 24.899, 95.820

Deuteranopia
55, 20.423, 70.994



Tritanopia
55, 15.585, 222.267

Trichromacy



Original Color
55, 37.606, 145.962

Protanomaly
54, 26.758, 120.954

Deuteranomaly
54, 20.524, 112.454

Tritanomaly
55, 19.376, 176.592

Monochromacy



Original Color
55, 37.606, 145.962

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 14.192, 147.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 37.606, 145.962 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, 145, 94)` looks like.

```
.text, #text, p{  
    color:rgb(84, 145, 94)  
}
```

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, 145, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 145, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 37.606, 145.962 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, 145, 94) }
```

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

```
.border{ border-color:rgb(84, 145, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 145, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 145, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 145, 94);  
box-shadow:4px 4px 4px 4px rgb(84, 145,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 37.606, 145.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 145, 94) }
```

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

```
.background{ background-color: rgb(84, 145,  
94) }
```

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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