

Converting Colors

CIELCh(55, 44.330, 121.916)

Have a look what the booklet for
CIELCh(55, 44.330, 121.916)
contains.

CIELCh(55, 44.440, 121.783)	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(55, 44.440, 121.783)

Conversions

Conversions Part 1

Format	Color
Hex	708D3F
RGB	112, 141, 63
RGB Percent	44%, 55%, 25%
CMY	0.5600, 0.4462, 0.7522
CMYK	0.21, 0.00, 0.55, 0.45
HSL	82°, 38%, 40%
HSV	82°, 55%, 55%
XYZ	17.1662, 22.9298, 8.2520
YIQ	123.4370, 7.7540, -30.4060

Conversions

Conversions Part 2

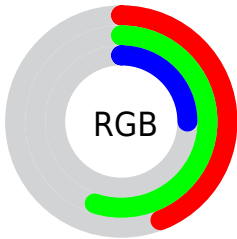
Format	Color
RYB	63, 141, 92
Decimal	7376191
CIELab	55.00, -23.41, 37.78
CIELCh	55, 44.440, 121.783
Yxy	22.9298, 0.3551, 0.4743
Android (android.graphics.Color)	4285566271 (0xFF708D3F)
YUV	123.4370, -29.7954, -10.0302
Hunter-Lab	47.8851, -19.8092, 23.3022

Details

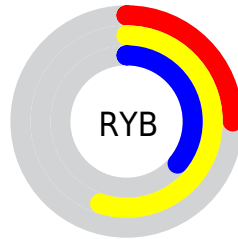
The CIELCh color **55, 44.440, 121.783** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34, 49.457, 307.987**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 44.661, 122.058**, and **35, 44.601, 122.133** is the 20% darker color. If you saturate the color by 10%, you get **55, 51.399, 121.513**, and if you desaturate by 10%, it is **56, 36.900, 122.194**.

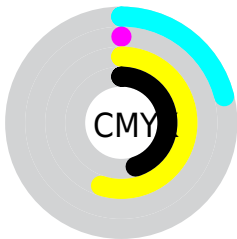
Distribution



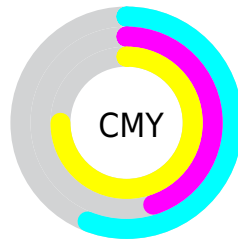
- Red (44%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (36%)



- Cyan (21%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (56%)
- Magenta (45%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 44.440, 121.783 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, 44.440, 121.783 by changing the saturation by 10% instead.


 55, 44.440,
121.783

 55, 44.440,
121.783

 100, 44.440,
121.783

 45, 44.440,
121.783


 75, 44.440,
121.783

 35, 44.440,
121.783

 85, 44.440,
121.783

 25, 44.440,
121.783

 95, 44.440,
121.783

 15, 44.440,
121.783

 5, 44.440, 121.783

 0, 44.440, 121.783

■ 55, 44.440,
121.783

■ 55, 44.440,
121.783

■ 55, 51.399,
121.513

■ 56, 36.900,
122.194

■ 54, 57.481,
121.467

■ 56, 28.992,
122.677

■ 54, 62.342,
121.757

■ 57, 20.866,
123.192

■ 53, 65.746,
122.462

■ 58, 12.625,
123.713

■ 53, 67.180,
122.818

■ 58, 4.341, 124.226

■ 59, 3.939, 304.680

■ 60, 12.178,
305.143

■ 61, 20.351,
305.565

■ 62, 28.439,
305.955

Harmonies

Complementary

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



55, 44.440, 121.783



34, 49.457, 307.987

Rectangle

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



55, 44.440, 121.783



55, 44.440, 171.783



55, 44.440, 301.783



55, 44.440, 351.783

Sweetspot

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



55, 44.441, 121.785



73, 17.436, 123.603



44, 29.981, 55.425



38, 11.619, 123.514



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 44.441, 121.785



69, 64.047, 121.480



53, 51.107, 137.230



30, 4.717, 124.024



51, 65.043, 122.754



2, 3.194, 124.469

Inverse Universe

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



34, 49.457, 307.987



38, 73.396, 308.820



38, 51.574, 323.103



28, 4.795, 304.931



18, 79.708, 309.649



0, 3.195, 304.467

Previews

White Background



This preview shows how the CIELCh color 55, 44.440, 121.783 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, 44.440, 121.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

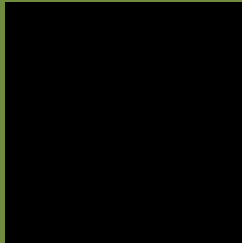
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 44.440, 121.783

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.440, 121.783.



This preview shows how white text looks on a background with the CIELCh color 55, 44.440, 121.783.

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](#).

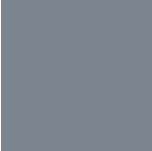
Dichromacy



Original Color
55, 44.440, 121.783

Protanopia
55, 39.930, 95.219

Deuteranopia
55, 36.723, 78.886



Tritanopia
55, 6.985, 254.730

Trichromacy



Original Color
55, 44.440, 121.783

Protanomaly
55, 40.599, 105.839

Deuteranomaly
55, 36.666, 96.981

Tritanomaly
55, 14.595, 138.595

Monochromacy



Original Color
55, 44.440, 121.783

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 16.605, 122.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 44.440, 121.783 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(112, 141, 63)` looks like.

```
.text, #text, p{  
    color:rgb(112, 141, 63)  
}
```

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(112, 141, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 141, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.440, 121.783 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(112, 141, 63) }
```

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

```
.border{ border-color:rgb(112, 141, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 141, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 141, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 141, 63);  
box-shadow:4px 4px 4px 4px rgb(112, 141,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.440, 121.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 141, 63) }
```

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

```
.background{ background-color: rgb(112,  
141, 63) }
```

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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