

Converting Colors

CIELCh(43, 55.500, 127.198)

Have a look what the booklet for
CIELCh(43, 55.500, 127.198)
contains.

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Color

CIELCh(43, 55.407, 127.258)

Conversions

Conversions Part 1

Format	Color
Hex	3F7210
RGB	63, 114, 16
RGB Percent	25%, 45%, 6%
CMY	0.7525, 0.5525, 0.9367
CMYK	0.45, 0.00, 0.86, 0.55
HSL	91°, 75%, 26%
HSV	91°, 86%, 45%
XYZ	8.1814, 13.1578, 2.6043
YIQ	87.5790, 1.0620, -41.2900

Conversions

Conversions Part 2

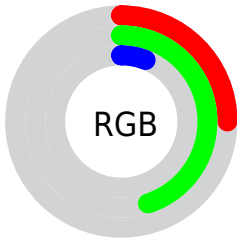
Format	Color
R_{YB}	16, 114, 67
Decimal	4157968
CIE _{Lab}	43.00, -33.54, 44.10
CIE _{LCh}	43, 55.407, 127.258
Yxy	13.1578, 0.3417, 0.5495
Android (android.graphics.Color)	4282348048 (0xFF3F7210)
YUV	87.5790, -35.2884, -21.5558
Hunter-Lab	36.2736, -23.2186, 21.1347

Details

The CIELCh color $43, 55.407, 127.258$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $19, 62.043, 313.089$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $63, 55.291, 127.045$, and $23, 43.855, 135.617$ is the 20% darker color. If you saturate the color by 10%, you get $43, 58.850, 127.824$, and if you desaturate by 10%, it is $43, 50.901, 127.022$.

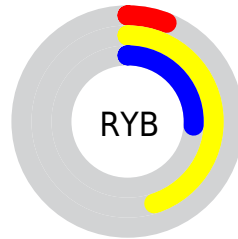
Distribution



Red (25%)

Green (45%)

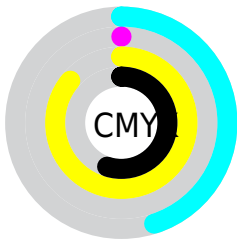
Blue (6%)



Red (6%)

Yellow (45%)

Blue (26%)

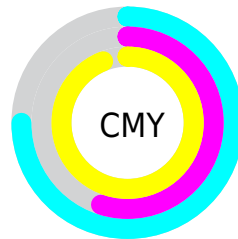


Cyan (45%)

Magenta (0%)

Yellow (86%)

Black (55%)



Cyan (75%)


Magenta (55%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 55.407, 127.258 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 43, 55.407, 127.258 by changing the saturation by 10% instead.


 43, 55.407,
127.258


 43, 55.407,
127.258


 100, 55.407,
127.258


 33, 55.407,
127.258

 63, 55.407,
127.258


 23, 55.407,
127.258

 73, 55.407,
127.258

 13, 55.407,
127.258

 83, 55.407,
127.258

 3, 55.407, 127.258

 93, 55.407,
127.258

 0, 55.407, 127.258

 43, 55.407,

 43, 55.407,

127.258

■ 43, 58.850,
127.824

■ 43, 60.246,
128.004

127.258

■ 43, 50.901,
127.022

■ 44, 45.418,
127.095

■ 44, 39.238,
127.370

■ 45, 32.594,
127.761

■ 45, 25.660,
128.207

■ 46, 18.561,
128.669

■ 47, 11.384,
129.124

■ 48, 4.190, 129.567

Harmonies

Complementary

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



43, 55.407, 127.258



19, 62.043, 313.089

Rectangle

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



43, 55.407, 127.258



43, 55.407, 177.258



43, 55.407, 307.258



43, 55.407, 357.258

Sweetspot

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



43, 55.407, 127.259



59, 23.088, 128.632



33, 40.399, 66.089



30, 15.541, 128.512



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 55.407, 127.259



55, 72.949, 128.422



42, 61.498, 137.249



23, 3.978, 129.428



45, 62.447, 128.091



87, 107.626, 129.003

Inverse Universe

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



19, 62.043, 313.089



23, 82.618, 312.574



27, 59.575, 328.620



21, 4.027, 310.145



17, 70.812, 312.802



40, 121.626, 312.171

Previews

White Background



This preview shows how the CIELCh color 43, 55.407, 127.258 looks on a white background.

Color Contrast Check

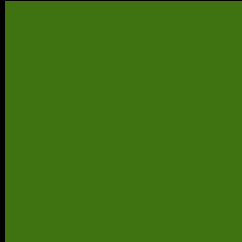
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 55.407, 127.258 looks on a black 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

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

CIELCh 43, 55.407, 127.258

Background



This preview shows how black text looks on a background with the CIELCh color 43, 55.407, 127.258.



This preview shows how white text looks on a background with the CIELCh color 43, 55.407, 127.258.

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

43, 55.407, 127.258

Protanopia

43, 46.599, 95.264

Deuteranopia

43, 42.209, 82.538



Tritanopia
43, 11.750, 225.967

Trichromacy



Original Color
43, 55.407, 127.258

Protanomaly
42, 47.794, 109.731

Deuteranomaly
42, 43.364, 103.104

Tritanomaly
43, 23.709, 147.690

Monochromacy



Original Color
43, 55.407, 127.258

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 22.560, 128.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 55.407, 127.258 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(63, 114, 16)` looks like.

```
.text, #text, p{  
    color:rgb(63, 114, 16)  
}
```

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(63, 114, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 114, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 55.407, 127.258 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(63, 114, 16) }
```

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

```
.border{ border-color:rgb(63, 114, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 114, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 114, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 114, 16);  
box-shadow:4px 4px 4px 4px rgb(63, 114,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 55.407, 127.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 114, 16) }
```

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

```
.background{ background-color: rgb(63, 114,  
16) }
```

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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