

Converting Colors

CIELCh(43, 37.482, 124.614)

Have a look what the booklet for
CIELCh(43, 37.482, 124.614)
contains.

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Color

CIELCh(43, 37.695, 124.877)

Conversions

Conversions Part 1

Format	Color
Hex	526E30
RGB	82, 110, 48
RGB Percent	32%, 43%, 19%
CMY	0.6785, 0.5686, 0.8118
CMYK	0.25, 0.00, 0.56, 0.57
HSL	87°, 39%, 31%
HSV	87°, 56%, 43%
XYZ	9.5880, 13.1578, 4.8302
YIQ	94.5600, 3.2140, -25.2180

Conversions

Conversions Part 2

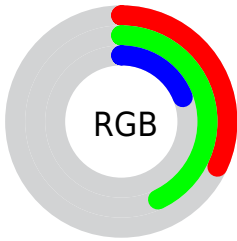
Format	Color
RYB	48, 110, 76
Decimal	5402160
CIELab	43.00, -21.55, 30.92
CIELCh	43, 37.695, 124.877
Yxy	13.1578, 0.3477, 0.4771
Android (android.graphics.Color)	4283592240 (0xFF526E30)
YUV	94.5600, -22.9541, -11.0151
Hunter-Lab	36.2736, -16.2968, 17.4964

Details

The CIELCh color $43, 37.695, 124.877$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $26, 41.239, 310.322$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 37.906, 124.978$, and $23, 37.685, 124.889$ is the 20% darker color. If you saturate the color by 10%, you get $43, 43.542, 124.623$, and if you desaturate by 10%, it is $43, 31.397, 125.258$.

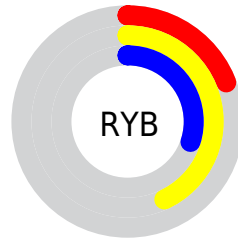
Distribution



Red (32%)

Green (43%)

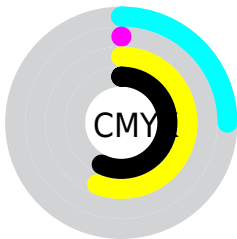
Blue (19%)



Red (19%)

Yellow (43%)

Blue (30%)

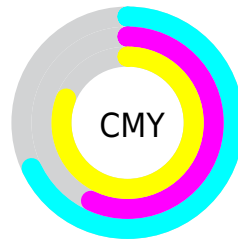


Cyan (25%)

Magenta (0%)

Yellow (56%)

Black (57%)



Cyan (68%)


Magenta (57%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 37.695, 124.877 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, 37.695, 124.877 by changing the saturation by 10% instead.


 43, 37.695,
124.877


 43, 37.695,
124.877


 100, 37.695,
124.877


 33, 37.695,
124.877

 63, 37.695,
124.877


 23, 37.695,
124.877

 73, 37.695,
124.877

 13, 37.695,
124.877


 83, 37.695,
124.877

 3, 37.695, 124.877

 93, 37.695,
124.877

 0, 37.695, 124.877

 43, 37.695,

 43, 37.695,

124.877

124.877

■ 43, 43.542,
124.623

■ 43, 31.397,
125.258

■ 42, 48.711,
124.578

■ 44, 24.813,
125.703

■ 42, 52.937,
124.847

■ 45, 18.061,
126.172

■ 42, 56.207,
125.416

■ 45, 11.223,
126.642

■ 41, 57.398,
125.575

■ 46, 4.358, 127.103

■ 47, 2.493, 307.487

■ 47, 9.301, 307.903

■ 48, 16.044,
308.270

■ 49, 22.706,

Harmonies

Complementary

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



43, 37.695, 124.877



26, 41.239, 310.322

Rectangle

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



43, 37.695, 124.877



43, 37.695, 174.877



43, 37.695, 304.877



43, 37.695, 354.877

Sweetspot

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



43, 37.696, 124.878



58, 14.442, 126.591



35, 24.804, 63.762



29, 9.592, 126.526



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 37.696, 124.878



54, 54.793, 124.579



41, 43.505, 139.025



23, 3.917, 126.980



45, 61.100, 125.730



88, 105.212, 126.654

Inverse Universe

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



26, 41.239, 310.322



30, 61.449, 310.981



30, 43.430, 325.657



21, 3.972, 307.752



16, 71.831, 311.276



38, 123.463, 310.653

Previews

White Background



This preview shows how the CIELCh color 43, 37.695, 124.877 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 CIELCh color 43, 37.695, 124.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

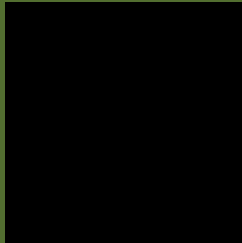
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.695, 124.877

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.695, 124.877.



This preview shows how white text looks on a background with the CIELCh color 43, 37.695, 124.877.

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

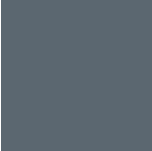
43, 37.695, 124.877

Protanopia

43, 32.927, 95.948

Deuteranopia

43, 29.766, 78.879



Tritanopia
43, 7.035, 249.629

Trichromacy



Original Color
43, 37.695, 124.877

Protanomaly
43, 33.405, 107.696

Deuteranomaly
42, 29.509, 98.290

Tritanomaly
43, 12.746, 144.967

Monochromacy



Original Color
43, 37.695, 124.877

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 13.954, 126.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.695, 124.877 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(82, 110, 48)` looks like.

```
.text, #text, p{  
    color:rgb(82, 110, 48)  
}
```

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(82, 110, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 110, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.695, 124.877 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(82, 110, 48) }
```

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

```
.border{ border-color:rgb(82, 110, 48) }
```

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

Here you see how a box with a 4 pixel rgb(82, 110, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 110, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 110, 48);  
box-shadow:4px 4px 4px 4px rgb(82, 110,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.695, 124.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 110, 48) }
```

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

```
.background{ background-color: rgb(82, 110,  
48) }
```

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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