

Converting Colors

CIELCh(43, 54.166, 139.553)

Have a look what the booklet for
CIELCh(43, 54.166, 139.553)
contains.

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Color

CIELCh(43, 54.448, 139.461)

Conversions

Conversions Part 1

Format	Color
Hex	227526
RGB	34, 117, 38
RGB Percent	13%, 46%, 15%
CMY	0.8675, 0.5418, 0.8516
CMYK	0.71, 0.00, 0.68, 0.54
HSL	123°, 55%, 30%
HSV	123°, 71%, 46%
XYZ	7.3409, 13.1578, 3.9728
YIQ	83.1770, -24.1090, -42.1650

Conversions

Conversions Part 2

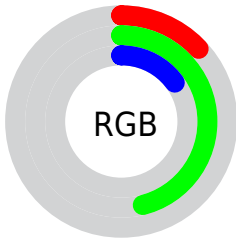
Format	Color
RYB	34, 113, 117
Decimal	2258214
CIELab	43.00, -41.38, 35.39
CIELCh	43, 54.448, 139.461
Yxy	13.1578, 0.3000, 0.5377
Android (android.graphics.Color)	4280448294 (0xFF227526)
YUV	83.1770, -22.2723, -43.1282
Hunter-Lab	36.2736, -27.3547, 18.8979

Details

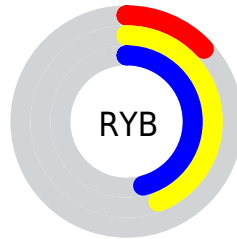
The CIELCh color **43, 54.448, 139.461** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **30, 53.290, 329.301**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 54.350, 139.576**, and **24, 45.498, 136.491** is the 20% darker color. If you saturate the color by 10%, you get **43, 59.705, 138.305**, and if you desaturate by 10%, it is **43, 48.145, 140.640**.

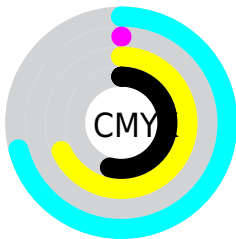
Distribution



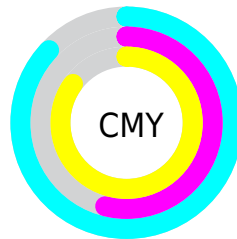
- Red (13%)
- Green (46%)
- Blue (15%)



- Red (13%)
- Yellow (44%)
- Blue (46%)



- Cyan (71%)
- Magenta (0%)
- Yellow (68%)
- Black (54%)





- Cyan (87%)
- Magenta (54%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 54.448, 139.461 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, 54.448, 139.461 by changing the saturation by 10% instead.


 43, 54.448,
139.461


 43, 54.448,
139.461


 100, 54.448,
139.461

 33, 54.448,
139.461

 63, 54.448,
139.461


 23, 54.448,
139.461

 73, 54.448,
139.461

 13, 54.448,
139.461

 83, 54.448,
139.461

 3, 54.448, 139.461

 93, 54.448,
139.461

 0, 54.448, 139.461

 43, 54.448,

 43, 54.448,

139.461

139.461

■ 43, 59.705,
138.305

■ 43, 48.145,
140.640

■ 42, 63.660,
137.284

■ 44, 41.053,
141.761

■ 42, 66.196,
136.693

■ 45, 33.410,
142.783

■ 46, 25.418,
143.687

■ 47, 17.247,
144.475

■ 48, 9.031, 145.160

■ 49, 0.874, 145.927

■ 50, 7.150, 326.189

■ 52, 14.990,

Harmonies

Complementary

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



43, 54.448, 139.461



30, 53.290, 329.301

Rectangle

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



43, 54.448, 139.461



43, 54.448, 189.461



43, 54.448, 319.461



43, 54.448, 9.461

Sweetspot

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



43, 54.448, 139.462



60, 21.423, 144.441



47, 44.951, 105.763



30, 14.418, 144.282



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 54.448, 139.462



55, 75.726, 137.656



44, 37.357, 157.353



24, 4.594, 145.291



44, 68.498, 136.658



86, 117.173, 136.290

Inverse Universe

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



30, 53.290, 329.301



37, 72.554, 329.843



28, 39.922, 354.541



23, 4.602, 326.233



28, 64.692, 330.202



58, 109.453, 330.317

Previews

White Background



This preview shows how the CIELCh color 43, 54.448, 139.461 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, 54.448, 139.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

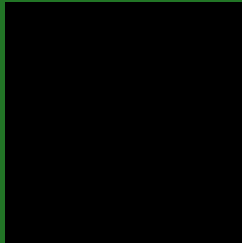
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 54.448, 139.461

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.448, 139.461.



This preview shows how white text looks on a background with the CIELCh color 43, 54.448, 139.461.

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, 54.448, 139.461

Protanopia

43, 38.407, 95.621

Deuteranopia

43, 33.545, 80.341



Tritanopia
43, 17.988, 215.264

Trichromacy



Original Color
43, 54.448, 139.461

Protanomaly
42, 41.686, 119.343

Deuteranomaly
42, 35.897, 114.062

Tritanomaly
43, 27.148, 165.672

Monochromacy



Original Color
43, 54.448, 139.461

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 21.512, 144.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 54.448, 139.461 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(34, 117, 38)` looks like.

```
.text, #text, p{  
    color:rgb(34, 117, 38)  
}
```

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(34, 117, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 117, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.448, 139.461 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(34, 117, 38) }
```

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

```
.border{ border-color:rgb(34, 117, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 117, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 117, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 117, 38);  
box-shadow:4px 4px 4px 4px rgb(34, 117,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.448, 139.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 117, 38) }
```

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

```
.background{ background-color: rgb(34, 117,  
38) }
```

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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