

Converting Colors

CIELCh(44, 54.777, 139.895)

Have a look what the booklet for
CIELCh(44, 54.777, 139.895)
contains.

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Color

CIELCh(44, 55.147, 139.706)

Conversions

Conversions Part 1

Format	Color
Hex	227828
RGB	34, 120, 40
RGB Percent	13%, 47%, 16%
CMY	0.8647, 0.5309, 0.8446
CMYK	0.71, 0.00, 0.67, 0.53
HSL	124°, 55%, 30%
HSV	124°, 71%, 47%
XYZ	7.7224, 13.8382, 4.2389
YIQ	85.1660, -25.5760, -43.1120

Conversions

Conversions Part 2

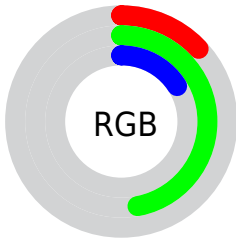
Format	Color
R_{YB}	34, 114, 120
Decimal	2258984
CIE _{Lab}	44.00, -42.06, 35.66
CIE _{LCh}	44, 55.147, 139.706
Yxy	13.8382, 0.2993, 0.5364
Android (android.graphics.Color)	4280449064 (0xFF227828)
YUV	85.1660, -22.2668, -44.8726
Hunter-Lab	37.1997, -28.0443, 19.2837

Details

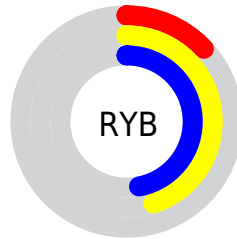
The CIELCh color **44, 55.147, 139.706** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **30, 53.904, 329.707**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 55.041, 139.857**, and **25, 46.996, 136.292** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.493, 138.514**, and if you desaturate by 10%, it is **44, 48.758, 140.910**.

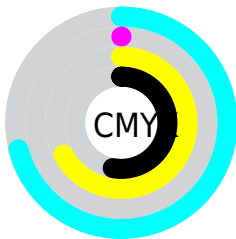
Distribution



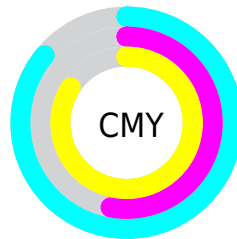
- Red (13%)
- Green (47%)
- Blue (16%)



- Red (13%)
- Yellow (45%)
- Blue (47%)



- Cyan (71%)
- Magenta (0%)
- Yellow (67%)
- Black (53%)




- Cyan (86%)
- Magenta (53%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 55.147, 139.706 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 44, 55.147, 139.706 by changing the saturation by 10% instead.


 44, 55.147,
139.706


 44, 55.147,
139.706


 100, 55.147,
139.706


 34, 55.147,
139.706

 64, 55.147,
139.706


 24, 55.147,
139.706

 74, 55.147,
139.706

 14, 55.147,
139.706

 84, 55.147,
139.706

 4, 55.147, 139.706

 94, 55.147,
139.706

 0, 55.147, 139.706

 44, 55.147,

 44, 55.147,

139.706

■ 44, 60.493,
138.514

■ 43, 64.547,
137.442

■ 43, 67.100,
136.828

139.706

■ 44, 48.758,
140.910

■ 45, 41.582,
142.048

■ 46, 33.851,
143.080

■ 47, 25.769,
143.992

■ 48, 17.505,
144.787

■ 49, 9.195, 145.478

■ 50, 0.944, 146.240

■ 51, 7.174, 326.516

■ 53, 15.105,

326.958

Harmonies

Complementary

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



44, 55.147, 139.706



30, 53.904, 329.707

Rectangle

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



44, 55.147, 139.706



44, 55.147, 189.706



44, 55.147, 319.706



44, 55.147, 9.706

Sweetspot

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



44, 55.147, 139.707



61, 21.543, 144.760



48, 45.861, 106.588



32, 14.699, 144.594



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 55.147, 139.707



56, 76.316, 137.853



45, 37.499, 158.229



24, 4.557, 145.616



44, 68.252, 136.807



86, 116.954, 136.367

Inverse Universe

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



30, 53.904, 329.707



37, 72.884, 330.290



28, 40.460, 355.799



23, 4.566, 326.563



28, 64.130, 330.695



58, 108.451, 330.841

Previews

White Background



This preview shows how the CIELCh color 44, 55.147, 139.706 looks on a white background.

Color Contrast Check

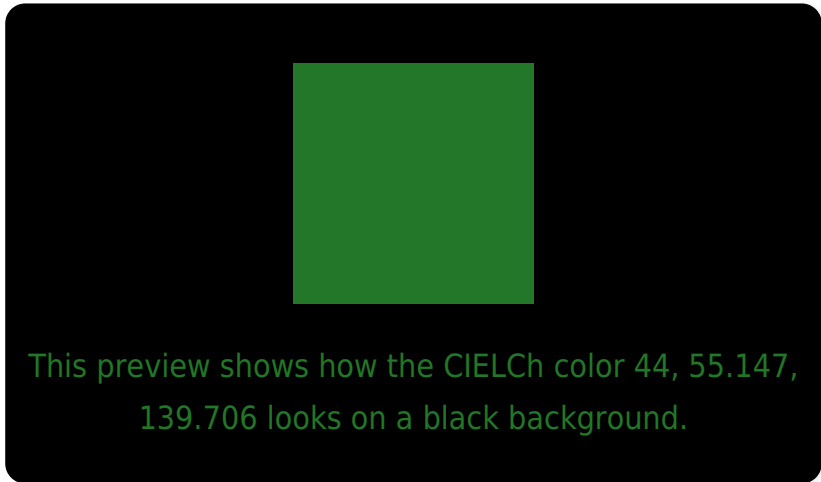
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 44, 55.147, 139.706

Background



This preview shows how black text looks on a background with the CIELCh color 44, 55.147, 139.706.



This preview shows how white text looks on a background with the CIELCh color 44, 55.147, 139.706.

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

44, 55.281, 139.870

Protanopia

44, 39.294, 95.849

Deuteranopia

44, 33.686, 79.738



Tritanopia
44, 18.500, 214.653

Trichromacy



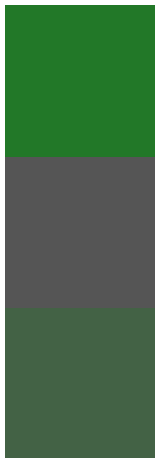
Original Color
44, 55.281, 139.870

Protanomaly
43, 42.222, 119.751

Deuteranomaly
43, 35.847, 114.108

Tritanomaly
44, 28.171, 165.584

Monochromacy



Original Color
44, 55.281, 139.870

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 22.141, 144.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 55.147, 139.706 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, 120, 40)` looks like.

```
.text, #text, p{  
    color:rgb(34, 120, 40)  
}
```

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, 120, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 120, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 55.147, 139.706 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, 120, 40) }
```

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

```
.border{ border-color:rgb(34, 120, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 120, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 120, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 120, 40);  
box-shadow:4px 4px 4px 4px rgb(34, 120,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 55.147, 139.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 120, 40) }
```

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

```
.background{ background-color: rgb(34, 120,  
40) }
```

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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