

Converting Colors

CIELCh(44, 55.722, 139.535)

Have a look what the booklet for
CIELCh(44, 55.722, 139.535)
contains.

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Color

CIELCh(44, 55.662, 139.588)

Conversions

Conversions Part 1

Format	Color
Hex	227827
RGB	34, 120, 39
RGB Percent	13%, 47%, 15%
CMY	0.8682, 0.5306, 0.8482
CMYK	0.72, 0.00, 0.68, 0.53
HSL	124°, 56%, 30%
HSV	124°, 72%, 47%
XYZ	7.6884, 13.8382, 4.1605
YIQ	85.0520, -25.2550, -43.4230

Conversions

Conversions Part 2

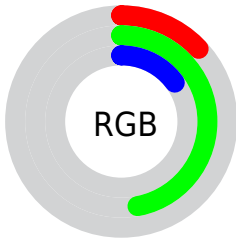
Format	Color
R_{YB}	34, 115, 120
Decimal	2258983
CIE _{Lab}	44.00, -42.38, 36.08
CIE _{LCh}	44, 55.662, 139.588
Y _{xy}	13.8382, 0.2993, 0.5387
Android (android.graphics.Color)	4280449063 (0xFF227827)
YUV	85.0520, -22.7036, -44.7726
Hunter-Lab	37.1997, -28.2076, 19.4086

Details

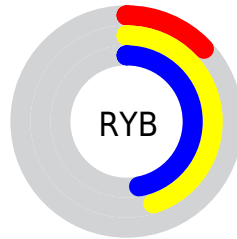
The CIELCh color **44, 55.662, 139.588** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **30, 54.361, 329.702**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 55.466, 139.564**, and **25, 46.996, 136.292** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.919, 138.404**, and if you desaturate by 10%, it is **44, 49.339, 140.792**.

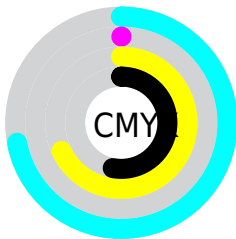
Distribution



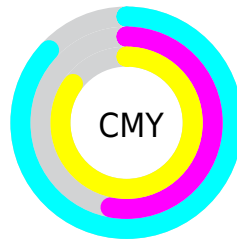
- Red (13%)
- Green (47%)
- Blue (15%)



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



- Cyan (72%)
- Magenta (0%)
- Yellow (68%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 55.662, 139.588 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, 55.662, 139.588 by changing the saturation by 10% instead.

 44, 55.662,
139.588

 44, 55.662,
139.588

 100, 55.662,
139.588

 34, 55.662,
139.588

 64, 55.662,
139.588

 24, 55.662,
139.588

 74, 55.662,
139.588

 14, 55.662,
139.588

 84, 55.662,
139.588

 4, 55.662, 139.588

 94, 55.662,
139.588

 0, 55.662, 139.588

 44, 55.662,

 44, 55.662,

139.588

■ 44, 60.919,
138.404

■ 43, 64.860,
137.351

■ 43, 67.158,
136.814

139.588

■ 44, 49.339,
140.792

■ 45, 42.207,
141.936

■ 46, 34.501,
142.977

■ 47, 26.429,
143.898

■ 48, 18.163,
144.701

■ 49, 9.842, 145.399

■ 50, 1.573, 146.090

■ 51, 6.568, 326.448

■ 53, 14.525,

Harmonies

Complementary

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



44, 55.662, 139.588



30, 54.361, 329.702

Rectangle

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



44, 55.662, 139.588



44, 55.662, 189.588



44, 55.662, 319.588



44, 55.662, 9.588

Sweetspot

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



44, 55.662, 139.589



61, 22.588, 144.655



48, 46.258, 106.548



31, 15.299, 144.492



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, 55.662, 139.589



56, 76.829, 137.727



45, 37.833, 158.099



24, 4.560, 145.587



44, 68.274, 136.794



86, 116.975, 136.360

Inverse Universe

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



30, 54.361, 329.702



37, 73.269, 330.283



28, 40.799, 355.979



23, 4.569, 326.533



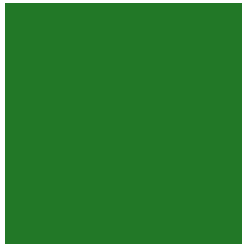
28, 64.180, 330.651



58, 108.540, 330.794

Previews

White Background



This preview shows how the CIELCh color 44, 55.662, 139.588 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 44, 55.662, 139.588 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 44, 55.662, 139.588

Background



This preview shows how black text looks on a background with the CIELCh color 44, 55.662, 139.588.



This preview shows how white text looks on a background with the CIELCh color 44, 55.662, 139.588.

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, 55.662, 139.588

Protanopia

44, 39.747, 95.873

Deuteranopia

44, 34.180, 80.018



Tritanopia
44, 18.737, 214.406

Trichromacy



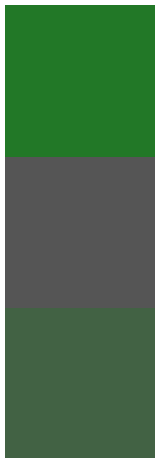
Original Color
44, 55.662, 139.588

Protanomaly
43, 42.660, 119.546

Deuteranomaly
43, 36.341, 113.925

Tritanomaly
44, 28.390, 165.814

Monochromacy



Original Color
44, 55.662, 139.588

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 22.880, 143.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 55.662, 139.588 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(34, 120, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 120, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 55.662, 139.588 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, 39) }
```

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

```
.border{ border-color:rgb(34, 120, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 120, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 120, 39);  
box-shadow:4px 4px 4px 4px rgb(34, 120,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 55.662, 139.588 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, 39) }
```

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

```
.background{ background-color: rgb(34, 120,  
39) }
```

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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