

Converting Colors

CIELCh(44, 62.969, 138.100)

Have a look what the booklet for
CIELCh(44, 62.969, 138.100)
contains.

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Color

CIELCh(44, 62.969, 138.100)

Conversions

Conversions Part 1

Format	Color
Hex	117918
RGB	17, 121, 24
RGB Percent	7%, 47%, 9%
CMY	0.9340, 0.5258, 0.9062
CMYK	0.86, 0.00, 0.80, 0.53
HSL	124°, 76%, 27%
HSV	124°, 86%, 47%
XYZ	7.2196, 13.8382, 3.1498
YIQ	78.8460, -30.8470, -52.2150

Conversions

Conversions Part 2

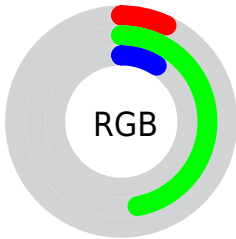
Format	Color
R_{YB}	17, 114, 121
Decimal	1145112
CIE _{Lab}	44.00, -46.87, 42.05
CIE _{LCh}	44, 62.969, 138.100
Yxy	13.8382, 0.2982, 0.5716
Android (android.graphics.Color)	4279335192 (0xFF117918)
YUV	78.8460, -27.0391, -54.2389
Hunter-Lab	37.1997, -30.4570, 21.0196

Details

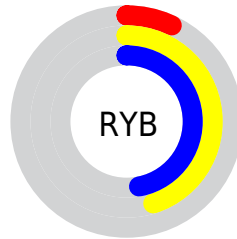
The CIELCh color **44, 62.969, 138.100** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **29, 60.119, 330.558**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 62.838, 137.928**, and **25, 47.485, 136.239** is the 20% darker color. If you saturate the color by 10%, you get **44, 66.424, 137.138**, and if you desaturate by 10%, it is **44, 58.175, 139.278**.

Distribution



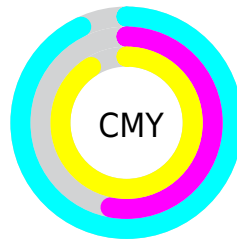
- Red (7%)
- Green (47%)
- Blue (9%)



- Red (7%)
- Yellow (45%)
- Blue (47%)



- Cyan (86%)
- Magenta (0%)
- Yellow (80%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 62.969, 138.100 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, 62.969, 138.100 by changing the saturation by 10% instead.

 44, 62.969,
138.100


 44, 62.969,
138.100


 100, 62.969,
138.100

 34, 62.969,
138.100

 64, 62.969,
138.100


 24, 62.969,
138.100

 74, 62.969,
138.100

 14, 62.969,
138.100

 84, 62.969,
138.100

 4, 62.969, 138.100

 94, 62.969,
138.100

 0, 62.969, 138.100

 44, 62.969,

 44, 62.969,

138.100

■ 44, 66.424,
137.138

■ 44, 67.478,
136.918

138.100

■ 44, 58.175,
139.278

■ 45, 52.224,
140.507

■ 45, 45.368,
141.697

■ 46, 37.851,
142.792

■ 47, 29.887,
143.769

■ 48, 21.664,
144.624

■ 49, 13.332,
145.367

■ 50, 5.011, 146.023

Harmonies

Complementary

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



44, 62.969, 138.100



29, 60.119, 330.558

Rectangle

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



44, 62.969, 138.100



44, 62.969, 188.100



44, 62.969, 318.100



44, 62.969, 8.100

Sweetspot

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



44, 62.969, 138.101



61, 26.894, 144.579



49, 52.404, 106.914



31, 18.125, 144.355



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, 62.969, 138.101



57, 82.458, 136.678



45, 42.668, 156.441



25, 4.698, 145.831



45, 69.140, 136.885



87, 117.703, 136.421

Inverse Universe

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



29, 60.119, 330.558



37, 76.694, 331.103



26, 45.661, 1.325



24, 4.707, 326.790



28, 64.703, 331.038



59, 108.616, 331.200

Previews

White Background



This preview shows how the CIELCh color 44, 62.969, 138.100 looks on a white background.

Color Contrast Check

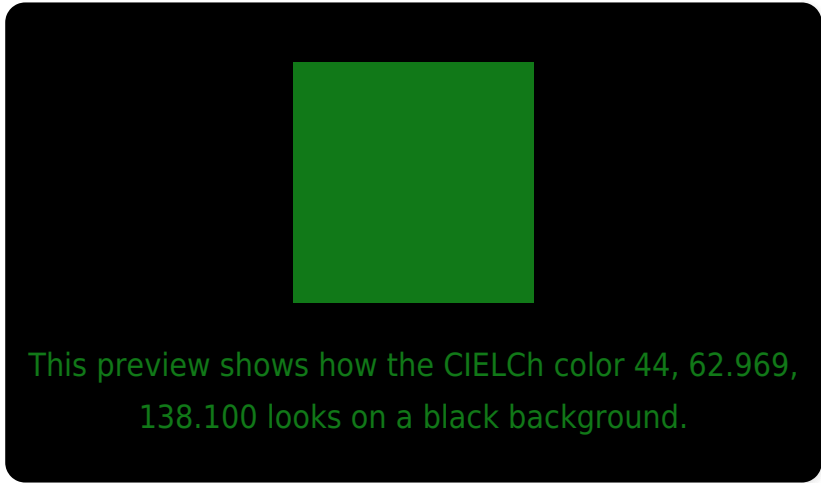
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.969, 138.100

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.969, 138.100.



This preview shows how white text looks on a background with the CIELCh color 44, 62.969, 138.100.

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, 62.969, 138.100

Protanopia

44, 45.698, 95.431

Deuteranopia

44, 39.837, 81.136



Tritanopia
44, 20.114, 213.071

Trichromacy



Original Color
44, 62.969, 138.100

Protanomaly
43, 49.058, 119.588

Deuteranomaly
42, 42.295, 115.175

Tritanomaly
44, 32.719, 162.602

Monochromacy



Original Color
44, 62.969, 138.100

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 26.957, 143.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.969, 138.100 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(17, 121, 24)` looks like.

```
.text, #text, p{  
    color:rgb(17, 121, 24)  
}
```

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(17, 121, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 121, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.969, 138.100 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(17, 121, 24) }
```

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

```
.border{ border-color:rgb(17, 121, 24) }
```

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

Here you see how a box with a 4 pixel rgb(17, 121, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 121, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 121, 24);  
box-shadow:4px 4px 4px 4px rgb(17, 121,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.969, 138.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 121, 24) }
```

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

```
.background{ background-color: rgb(17, 121,  
24) }
```

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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