

Converting Colors

CIELCh(44, 60.935, 129.736)

Have a look what the booklet for
CIELCh(44, 60.935, 129.736)
contains.

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Color

CIELCh(44, 60.751, 129.837)

Conversions

Conversions Part 1

Format	Color
Hex	357609
RGB	53, 118, 9
RGB Percent	21%, 46%, 4%
CMY	0.7905, 0.5357, 0.9661
CMYK	0.55, 0.00, 0.93, 0.54
HSL	96°, 86%, 25%
HSV	96°, 93%, 46%
XYZ	8.0638, 13.8382, 2.4940
YIQ	86.1390, -3.7510, -47.6790

Conversions

Conversions Part 2

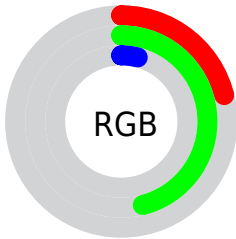
Format	Color
RYB	9, 118, 74
Decimal	3503625
CIELab	44.00, -38.92, 46.65
CIELCh	44, 60.751, 129.837
Yxy	13.8382, 0.3305, 0.5672
Android (android.graphics.Color)	4281693705 (0xFF357609)
YUV	86.1390, -38.0295, -29.0629
Hunter-Lab	37.1997, -26.4062, 22.0648

Details

The CIELCh color **44, 60.751, 129.837** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **20, 66.220, 314.799**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 60.786, 130.045**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **44, 63.228, 130.153**, and if you desaturate by 10%, it is **44, 56.887, 129.393**.

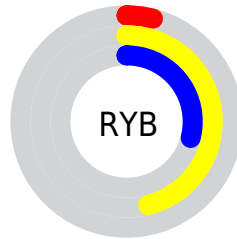
Distribution



Red (21%)

Green (46%)

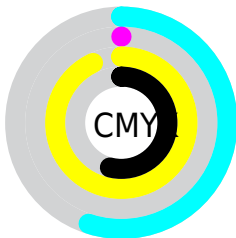
Blue (4%)



Red (4%)

Yellow (46%)

Blue (29%)

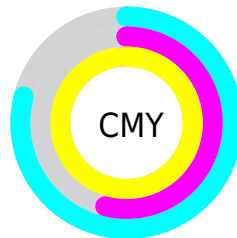


Cyan (55%)

Magenta (0%)

Yellow (93%)

Black (54%)



Cyan (79%)


Magenta (54%)

Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 60.751, 129.837 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, 60.751, 129.837 by changing the saturation by 10% instead.


 44, 60.751,
129.837


 44, 60.751,
129.837


 100, 60.751,
129.837

 34, 60.751,
129.837

 64, 60.751,
129.837


 24, 60.751,
129.837

 74, 60.751,
129.837

 14, 60.751,
129.837

 84, 60.751,
129.837

 4, 60.751, 129.837

 94, 60.751,
129.837

 0, 60.751, 129.837

 44, 60.751,

 44, 60.751,

129.837

129.837

■ 44, 63.228,
130.153

■ 44, 56.887,
129.393

■ 45, 51.807,
129.321

■ 45, 45.784,
129.517

■ 46, 39.104,
129.875

■ 46, 31.996,
130.317

■ 47, 24.629,
130.788

■ 48, 17.125,
131.257

■ 49, 9.569, 131.706

Harmonies

Complementary

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



44, 60.751, 129.837



20, 66.220, 314.799

Rectangle

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



44, 60.751, 129.837



44, 60.751, 179.837



44, 60.751, 309.837



44, 60.751, 359.837

Sweetspot

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



44, 60.751, 129.838



60, 26.043, 130.978



35, 44.125, 70.612



31, 17.857, 130.815



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 60.751, 129.838



56, 76.446, 130.534



43, 63.952, 137.687



24, 4.203, 131.866



45, 64.790, 130.208



88, 110.857, 131.043

Inverse Universe

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



20, 66.220, 314.799



25, 83.459, 314.348



27, 60.069, 331.422



23, 4.247, 312.558



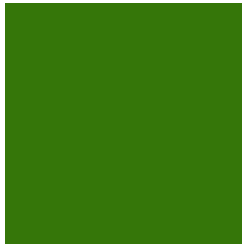
19, 70.862, 314.576



43, 120.689, 313.983

Previews

White Background



This preview shows how the CIELCh color 44, 60.751, 129.837 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, 60.751, 129.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

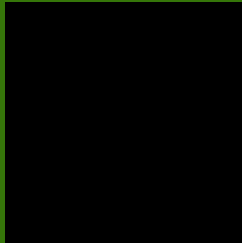
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 60.751, 129.837

Background



This preview shows how black text looks on a background with the CIELCh color 44, 60.751, 129.837.



This preview shows how white text looks on a background with the CIELCh color 44, 60.751, 129.837.

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, 60.563, 129.941

Protanopia

44, 50.578, 95.485

Deuteranopia

44, 43.602, 82.499



Tritanopia
44, 14.589, 219.862

Trichromacy



Original Color
44, 60.563, 129.941

Protanomaly
43, 51.734, 110.998

Deuteranomaly
43, 45.261, 105.433

Tritanomaly
44, 28.139, 150.438

Monochromacy



Original Color
44, 60.563, 129.941

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 26.285, 130.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 60.751, 129.837 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(53, 118, 9)` looks like.

```
.text, #text, p{  
    color:rgb(53, 118, 9)  
}
```

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(53, 118, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 118, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 60.751, 129.837 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(53, 118, 9) }
```

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

```
.border{ border-color:rgb(53, 118, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 118, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 118, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 118, 9);  
box-shadow:4px 4px 4px 4px rgb(53, 118, 9)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 60.751, 129.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 118, 9) }
```

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

```
.background{ background-color: rgb(53, 118,  
9) }
```

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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