

Converting Colors

CIELCh(30, 43.656, 119.626)

Have a look what the booklet for
CIELCh(30, 43.656, 119.626)
contains.

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Color

CIELCh(30, 43.230, 119.503)

Conversions

Conversions Part 1

Format	Color
Hex	354E00
RGB	53, 78, 0
RGB Percent	21%, 31%, 0%
CMY	0.7914, 0.6934, 0.9994
CMYK	0.32, 0.00, 1.00, 0.69
HSL	79°, 100%, 15%
HSV	79°, 100%, 31%
XYZ	4.2155, 6.2359, 0.9859
YIQ	61.6330, 10.1380, -29.5580

Conversions

Conversions Part 2

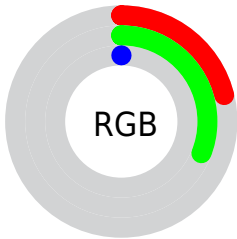
Format	Color
RYB	0, 78, 25
Decimal	3493376
CIELab	30.00, -21.29, 37.62
CIELCh	30, 43.230, 119.503
Yxy	6.2359, 0.3686, 0.5452
Android (android.graphics.Color)	4281683456 (0xFF354E00)
YUV	61.6330, -30.3851, -7.5711
Hunter-Lab	24.9718, -13.5680, 15.1394

Details

The CIELCh color **30, 43.230, 119.503** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **7, 53.981, 309.366**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 43.260, 119.355**, and **10, 25.067, 143.948** is the 20% darker color. If you saturate the color by 10%, you get **30, 43.296, 119.502**, and if you desaturate by 10%, it is **30, 40.142, 119.465**.

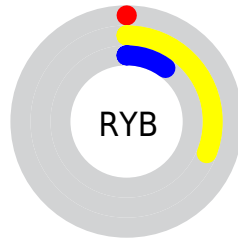
Distribution



Red (21%)

Green (31%)

Blue (0%)



Red (0%)

Yellow (31%)

Blue (10%)

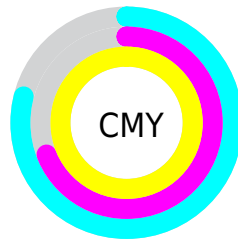


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (79%)


Magenta (69%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 43.230, 119.503 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 30, 43.230, 119.503 by changing the saturation by 10% instead.


 30, 43.230,
119.503


 30, 43.230,
119.503

 100, 43.230,
119.503


 20, 43.230,
119.503


 50, 43.230,
119.503


 10, 43.230,
119.503

 60, 43.230,
119.503

 0, 43.230, 119.503

 70, 43.230,
119.503

 80, 43.230,
119.503

 90, 43.230,
119.503

■ 30, 43.230,
119.503

■ 30, 43.230,
119.503

■ 30, 43.296,
119.502

■ 30, 40.142,
119.465

■ 30, 37.094,
119.301

■ 31, 33.395,
119.390

■ 31, 29.195,
119.670

■ 31, 24.650,
120.072

■ 32, 19.880,
120.544

■ 32, 14.969,
121.051

■ 32, 9.975, 121.570

Harmonies

Complementary

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



30, 43.230, 119.503



7, 53.981, 309.366

Rectangle

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



30, 43.230, 119.503



30, 43.230, 169.503



30, 43.230, 299.503



30, 43.230, 349.503

Sweetspot

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



30, 43.230, 119.505



42, 18.768, 120.984



17, 34.985, 47.055



20, 12.630, 120.871



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 43.230, 119.505



39, 52.205, 120.025



28, 49.378, 133.932



15, 2.763, 122.144



84, 95.115, 121.058

Inverse Universe

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



7, 53.981, 309.366



11, 65.580, 309.147



13, 49.705, 321.869



14, 2.807, 303.001



32, 119.687, 308.471

Previews

White Background



This preview shows how the CIELCh color 30, 43.230, 119.503 looks on a white background.

Color Contrast Check

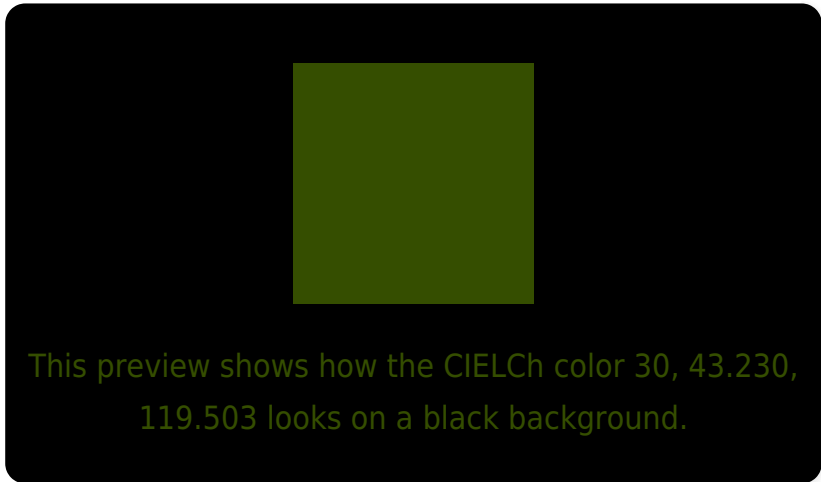
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

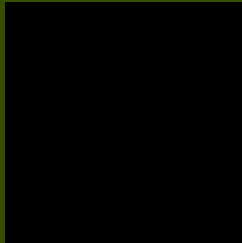
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 43.230, 119.503

Background



This preview shows how black text looks on a background with the CIELCh color 30, 43.230, 119.503.



This preview shows how white text looks on a background with the CIELCh color 30, 43.230, 119.503.

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

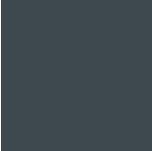
30, 43.230, 119.503

Protanopia

30, 38.862, 95.772

Deuteranopia

30, 33.363, 83.436



Tritanopia
30, 5.787, 232.508

Trichromacy



Original Color
30, 43.230, 119.503

Protanomaly
30, 39.718, 105.871

Deuteranomaly
30, 34.779, 99.204

Tritanomaly
30, 17.668, 133.687

Monochromacy



Original Color
30, 43.230, 119.503

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 18.312, 120.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 43.230, 119.503 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, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(53, 78, 0)  
}
```

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, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 78, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 43.230, 119.503 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, 78, 0) }
```

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

```
.border{ border-color:rgb(53, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(53, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 78, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 78, 0); box-shadow:4px  
4px 4px 4px rgb(53, 78, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 43.230, 119.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 78, 0) }
```

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

```
.background{ background-color: rgb(53, 78,  
0) }
```

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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