

Converting Colors

CIELCh(24, 45.059, 134.516)

Have a look what the booklet for
CIELCh(24, 45.059, 134.516)
contains.

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Color

CIELCh(24, 44.560, 134.925)

Conversions

Conversions Part 1

Format	Color
Hex	084300
RGB	8, 67, 0
RGB Percent	3%, 26%, 0%
CMY	0.9672, 0.7362, 0.9989
CMYK	0.88, 0.00, 1.00, 0.74
HSL	113°, 99%, 13%
HSV	113°, 100%, 26%
XYZ	2.1291, 4.1002, 0.6872
YIQ	41.7210, -13.6570, -33.3450

Conversions

Conversions Part 2

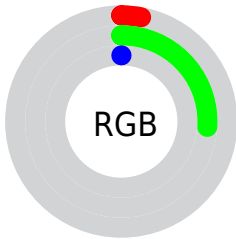
Format	Color
RYB	0, 67, 59
Decimal	541440
CIELab	24.00, -31.47, 31.55
CIElCh	24, 44.560, 134.925
Yxy	4.1002, 0.3078, 0.5928
Android (android.graphics.Color)	4278731520 (0xFF084300)
YUV	41.7210, -20.5685, -29.5733
Hunter-Lab	20.2490, -16.6674, 12.1621

Details

The CIELCh color **24, 44.560, 134.925** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12, 44.553, 324.067**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 44.826, 134.999**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 44.685, 134.895**, and if you desaturate by 10%, it is **24, 41.538, 135.654**.

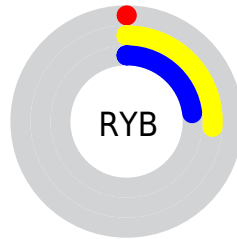
Distribution



Red (3%)

Green (26%)

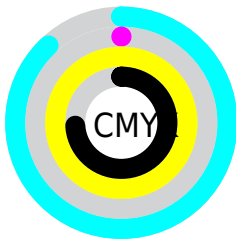
Blue (0%)



Red (0%)

Yellow (26%)

Blue (23%)

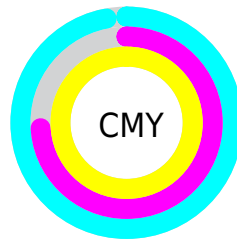


Cyan (88%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (97%)

Magenta (74%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 44.560, 134.925 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 24, 44.560, 134.925 by changing the saturation by 10% instead.

 24, 44.560,
134.925

 24, 44.560,
134.925

 100, 44.560,
134.925

 14, 44.560,
134.925


 44, 44.560,
134.925

 4, 44.560, 134.925

 54, 44.560,
134.925

 0, 44.560, 134.925

 64, 44.560,
134.925

 74, 44.560,
134.925

 84, 44.560,
134.925

 94, 44.560,

134.925

■ 24, 44.560,
134.925

■ 24, 44.560,
134.925

■ 24, 44.685,
134.895

■ 24, 41.538,
135.654

■ 24, 38.283,
136.215

■ 25, 34.418,
136.873

■ 25, 30.044,
137.595

■ 25, 25.312,
138.321

■ 26, 20.345,
139.010

■ 27, 15.241,
139.643

■ 27, 10.076,
140.214

■ 28, 4.909, 140.726

Harmonies

Complementary

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



24, 44.560, 134.925



12, 44.553, 324.067

Rectangle

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



24, 44.560, 134.925



24, 44.560, 184.925



24, 44.560, 314.925



24, 44.560, 4.925

Sweetspot

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



24, 44.560, 134.926



34, 19.084, 139.545



25, 33.421, 94.699



16, 12.811, 139.442



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



24, 44.560, 134.926



31, 53.705, 134.816



24, 36.282, 146.206



12, 2.813, 140.780



35, 58.112, 134.945



78, 107.969, 135.490

Inverse Universe

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



12, 44.553, 324.067



17, 53.080, 323.911



12, 34.760, 346.830



12, 2.823, 321.457



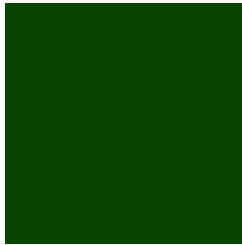
19, 57.348, 323.849



49, 105.871, 323.521

Previews

White Background



This preview shows how the CIELCh color 24, 44.560, 134.925 looks on a white background.

Color Contrast Check

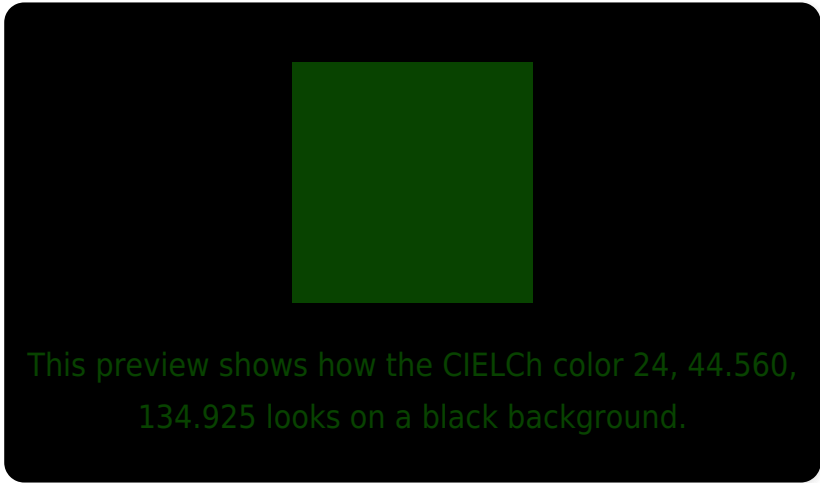
Large Text (above 18pt) WCAG AA ✓ Pass

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

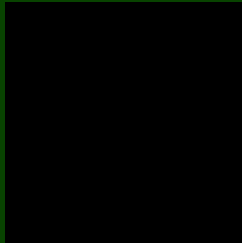
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 44.560, 134.925

Background



This preview shows how black text looks on a background with the CIELCh color 24, 44.560, 134.925.



This preview shows how white text looks on a background with the CIELCh color 24, 44.560, 134.925.

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

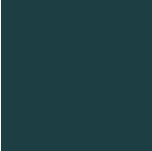
24, 44.560, 134.925

Protanopia

24, 33.197, 96.500

Deuteranopia

24, 26.986, 84.309



Tritanopia
24, 12.709, 212.705

Trichromacy



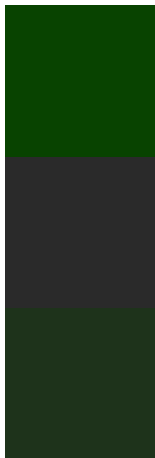
Original Color
24, 44.560, 134.925

Protanomaly
23, 35.481, 117.650

Deuteranomaly
23, 29.831, 114.064

Tritanomaly
24, 23.115, 156.980

Monochromacy



Original Color
24, 44.560, 134.925

Achromatopsia
17, 0.003, 296.813

Achromatomaly
19, 19.097, 138.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 44.560, 134.925 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(8, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(8, 67, 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(8, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 67, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 44.560, 134.925 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(8, 67, 0) }
```

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

```
.border{ border-color:rgb(8, 67, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 67, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 67, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 67, 0); box-shadow:4px  
4px 4px 4px rgb(8, 67, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 44.560, 134.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 67, 0) }
```

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

```
.background{ background-color: rgb(8, 67,  
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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