

Converting Colors

CIELCh(44, 65.362, 136.218)

Have a look what the booklet for
CIELCh(44, 65.362, 136.218)
contains.

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Color

CIELCh(44, 65.424, 136.129)

Conversions

Conversions Part 1

Format	Color
Hex	14790D
RGB	20, 121, 13
RGB Percent	8%, 47%, 5%
CMY	0.9220, 0.5257, 0.9493
CMYK	0.84, 0.00, 0.89, 0.53
HSL	116°, 81%, 26%
HSV	116°, 89%, 47%
XYZ	7.1894, 13.8382, 2.6703
YIQ	78.4890, -25.5280, -55.0000

Conversions

Conversions Part 2

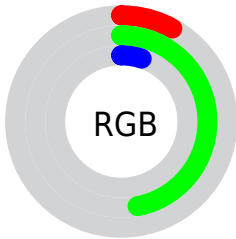
Format	Color
R_{YB}	13, 121, 114
Decimal	1341709
CIE _{Lab}	44.00, -47.16, 45.34
CIE _{LCh}	44, 65.424, 136.129
Yxy	13.8382, 0.3034, 0.5839
Android (android.graphics.Color)	4279531789 (0xFF14790D)
YUV	78.4890, -32.2861, -51.2949
Hunter-Lab	37.1997, -30.6019, 21.7839

Details

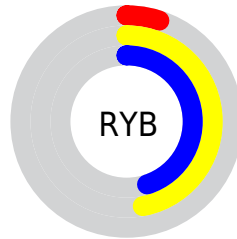
The CIELCh color **44, 65.424, 136.129** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **27, 64.067, 325.830**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 65.424, 136.131**, and **25, 47.485, 136.239** is the 20% darker color. If you saturate the color by 10%, you get **44, 68.368, 135.622**, and if you desaturate by 10%, it is **44, 61.263, 136.706**.

Distribution



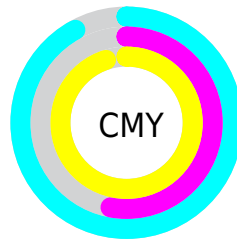
- Red (8%)
- Green (47%)
- Blue (5%)



- Red (5%)
- Yellow (47%)
- Blue (45%)



- Cyan (84%)
- Magenta (0%)
- Yellow (89%)
- Black (53%)



- Cyan (92%)
- Magenta (53%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 65.424, 136.129 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, 65.424, 136.129 by changing the saturation by 10% instead.


 44, 65.424,
136.129


 44, 65.424,
136.129

 100, 65.424,
136.129


 34, 65.424,
136.129

 64, 65.424,
136.129


 24, 65.424,
136.129

 74, 65.424,
136.129

 14, 65.424,
136.129

 84, 65.424,
136.129

 4, 65.424, 136.129

 94, 65.424,
136.129

 0, 65.424, 136.129

 44, 65.424,

 44, 65.424,

136.129

136.129

■ 44, 68.368,
135.622

■ 44, 61.263,
136.706

■ 44, 68.566,
135.573

■ 45, 55.661,
137.506

■ 45, 48.941,
138.409

■ 46, 41.417,
139.319

■ 47, 33.356,
140.177

■ 47, 24.976,
140.954

■ 49, 16.444,
141.641

■ 50, 7.892, 142.246

Harmonies

Complementary

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



44, 65.424, 136.129



27, 64.067, 325.830

Rectangle

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



44, 65.424, 136.129



44, 65.424, 186.129



44, 65.424, 316.129



44, 65.424, 6.129

Sweetspot

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



44, 65.424, 136.130



61, 28.652, 141.072



47, 50.744, 99.243



31, 19.193, 140.879



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, 65.424, 136.130



57, 83.424, 135.693



44, 49.861, 148.992



25, 4.820, 142.259



45, 70.202, 135.590



87, 118.552, 135.822

Inverse Universe

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



27, 64.067, 325.830



36, 81.141, 325.740



26, 48.338, 351.643



24, 4.833, 323.119



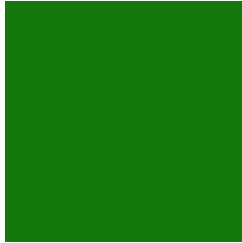
27, 68.371, 325.792



57, 115.122, 325.663

Previews

White Background



This preview shows how the CIELCh color 44, 65.424, 136.129 looks on a white background.

Color Contrast Check

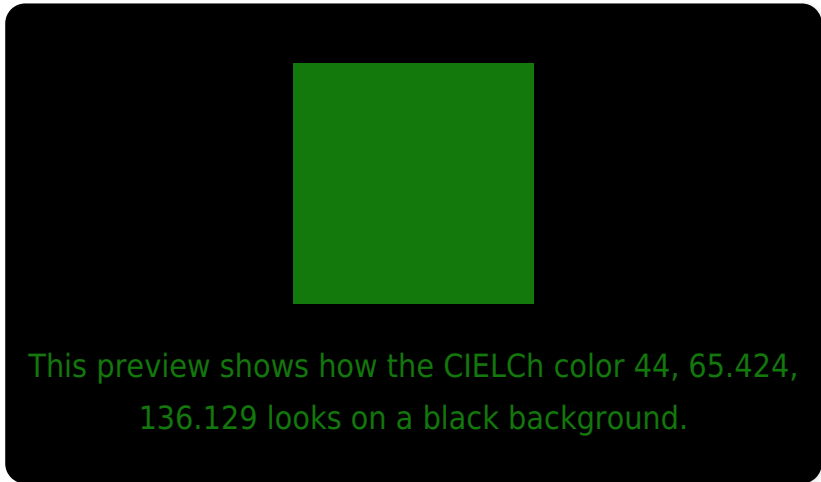
Large Text (above 18pt) WCAG AA ✓ Pass

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

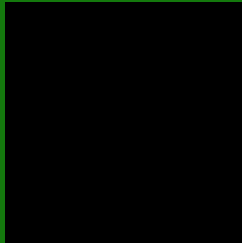
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 65.424, 136.129

Background



This preview shows how black text looks on a background with the CIELCh color 44, 65.424, 136.129.



This preview shows how white text looks on a background with the CIELCh color 44, 65.424, 136.129.

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, 65.424, 136.129

Protanopia

44, 49.358, 95.482

Deuteranopia

44, 42.407, 82.102



Tritanopia
44, 19.711, 215.326

Trichromacy



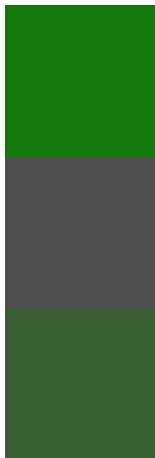
Original Color
44, 65.424, 136.129

Protanomaly
43, 52.314, 117.700

Deuteranomaly
42, 45.327, 113.459

Tritanomaly
43, 33.396, 159.596

Monochromacy



Original Color
44, 65.424, 136.129

Achromatopsia
33, 0.005, 296.813

Achromatomaly
36, 29.201, 139.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 65.424, 136.129 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(20, 121, 13)` looks like.

```
.text, #text, p{  
    color:rgb(20, 121, 13)  
}
```

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(20, 121, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 121, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 65.424, 136.129 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(20, 121, 13) }
```

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

```
.border{ border-color:rgb(20, 121, 13) }
```

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

Here you see how a box with a 4 pixel rgb(20, 121, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 121, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 121, 13);  
box-shadow:4px 4px 4px 4px rgb(20, 121,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 65.424, 136.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 121, 13) }
```

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

```
.background{ background-color: rgb(20, 121,  
13) }
```

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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