

Converting Colors

CIELCh(44, 60.422, 126.846)

Have a look what the booklet for
CIELCh(44, 60.422, 126.846)
contains.

CIELCh(44, 60.143, 126.860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 60.143, 126.860)

Conversions

Conversions Part 1

Format	Color
Hex	3D7503
RGB	61, 117, 3
RGB Percent	24%, 46%, 1%
CMY	0.7590, 0.5394, 0.9896
CMYK	0.48, 0.00, 0.98, 0.54
HSL	89°, 96%, 24%
HSV	89°, 98%, 46%
XYZ	8.3805, 13.8382, 2.3051
YIQ	87.2600, 3.2180, -47.3260

Conversions

Conversions Part 2

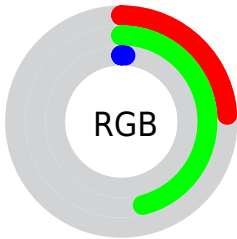
Format	Color
R_{YB}	3, 117, 59
Decimal	4027651
CIE _{Lab}	44.00, -36.08, 48.12
CIE _{LCh}	44, 60.143, 126.860
Yxy	13.8382, 0.3417, 0.5643
Android (android.graphics.Color)	4282217731 (0xFF3D7503)
YUV	87.2600, -41.5402, -23.0300
Hunter-Lab	37.1997, -24.8862, 22.3658

Details

The CIELCh color **44, 60.143, 126.860** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **17, 69.176, 312.068**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 60.119, 126.879**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.893, 126.969**, and if you desaturate by 10%, it is **44, 56.826, 126.243**.

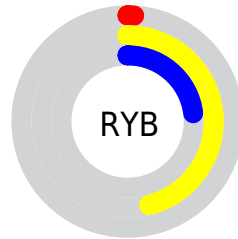
Distribution



Red (24%)

Green (46%)

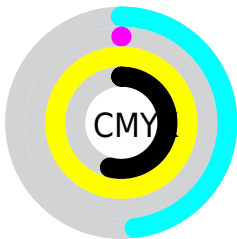
Blue (1%)



Red (1%)

Yellow (46%)

Blue (23%)

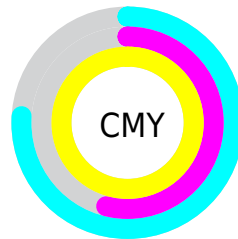


Cyan (48%)

Magenta (0%)

Yellow (98%)

Black (54%)



Cyan (76%)


Magenta (54%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 60.143, 126.860 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, 60.143, 126.860 by changing the saturation by 10% instead.


 44, 60.143,
126.860


 44, 60.143,
126.860


 100, 60.143,
126.860


 34, 60.143,
126.860

 64, 60.143,
126.860


 24, 60.143,
126.860

 74, 60.143,
126.860

 14, 60.143,
126.860

 84, 60.143,
126.860

 4, 60.143, 126.860

 94, 60.143,
126.860

 0, 60.143, 126.860

 44, 60.143,

 44, 60.143,

126.860

126.860

■ 44, 60.893,
126.969

■ 44, 56.826,
126.243

■ 45, 52.525,
125.904

■ 45, 47.164,
125.906

■ 46, 41.032,
126.136

■ 46, 34.380,
126.503

■ 47, 27.399,
126.941

■ 47, 20.224,
127.405

■ 48, 12.950,
127.869

Harmonies

Complementary

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



44, 60.143, 126.860



17, 69.176, 312.068

Rectangle

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



44, 60.143, 126.860



44, 60.143, 176.860



44, 60.143, 306.860



44, 60.143, 356.860

Sweetspot

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



44, 60.143, 126.861



61, 26.235, 127.312



31, 46.828, 61.082



31, 17.872, 127.155



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, 60.143, 126.861



57, 74.035, 127.387



43, 66.777, 136.052



24, 4.098, 128.264



46, 62.765, 127.041



88, 107.320, 127.936

Inverse Universe

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



17, 69.176, 312.068



23, 85.313, 311.784



27, 64.665, 327.580



23, 4.152, 309.011



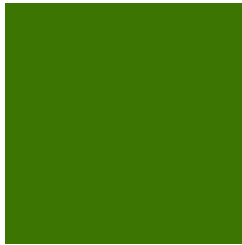
17, 72.400, 312.021



40, 123.470, 311.409

Previews

White Background



This preview shows how the CIELCh color 44, 60.143, 126.860 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, 60.143, 126.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

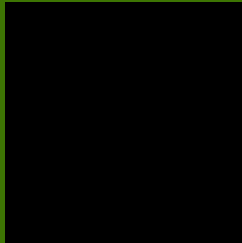
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 60.143, 126.860

Background



This preview shows how black text looks on a background with the CIELCh color 44, 60.143, 126.860.



This preview shows how white text looks on a background with the CIELCh color 44, 60.143, 126.860.

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, 59.940, 126.964

Protanopia

44, 50.578, 95.485

Deuteranopia

44, 44.359, 82.736



Tritanopia
44, 12.600, 223.760

Trichromacy



Original Color
44, 59.940, 126.964

Protanomaly
43, 51.991, 109.315

Deuteranomaly
43, 46.498, 103.398

Tritanomaly
43, 27.414, 145.314

Monochromacy



Original Color
44, 59.940, 126.964

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 26.773, 127.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 60.143, 126.860 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(61, 117, 3)` looks like.

```
.text, #text, p{  
    color:rgb(61, 117, 3)  
}
```

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(61, 117, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 117, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 60.143, 126.860 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(61, 117, 3) }
```

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

```
.border{ border-color:rgb(61, 117, 3) }
```

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

Here you see how a box with a 4 pixel rgb(61, 117, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 117, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 117, 3);  
box-shadow:4px 4px 4px 4px rgb(61, 117, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 60.143, 126.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 117, 3) }
```

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

```
.background{ background-color: rgb(61, 117,  
3) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor