

Converting Colors

CIELCh(44, 60.755, 126.820)

Have a look what the booklet for
CIELCh(44, 60.755, 126.820)
contains.

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Color

CIELCh(44, 61.016, 126.821)

Conversions

Conversions Part 1

Format	Color
Hex	3D7600
RGB	61, 118, 0
RGB Percent	24%, 46%, 0%
CMY	0.7625, 0.5388, 1.0000
CMYK	0.48, 0.00, 1.00, 0.54
HSL	89°, 100%, 23%
HSV	89°, 100%, 46%
XYZ	8.3252, 13.8382, 2.2159
YIQ	87.5050, 3.9060, -48.7820

Conversions

Conversions Part 2

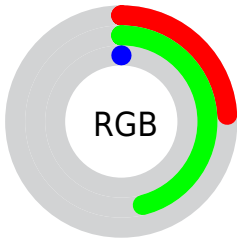
Format	Color
RYB	0, 118, 57
Decimal	4027904
CIELab	44.00, -36.57, 48.84
CIELCh	44, 61.016, 126.821
Yxy	13.8382, 0.3415, 0.5676
Android (android.graphics.Color)	4282217984 (0xFF3D7600)
YUV	87.5050, -43.1400, -23.2449
Hunter-Lab	37.1997, -25.1515, 22.5081

Details

The CIELCh color **44, 61.016, 126.821** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **16, 70.360, 312.010**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 61.054, 126.853**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.900, 126.881**, and if you desaturate by 10%, it is **44, 57.634, 126.285**.

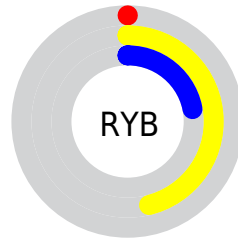
Distribution



Red (24%)

Green (46%)

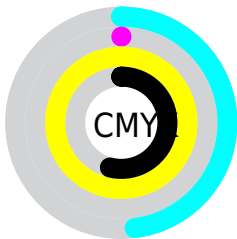
Blue (0%)



Red (0%)

Yellow (46%)

Blue (22%)

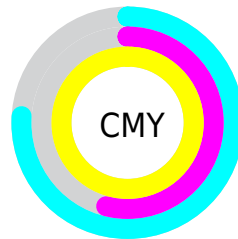


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (76%)


Magenta (54%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 61.016, 126.821 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, 61.016, 126.821 by changing the saturation by 10% instead.


 44, 61.016,
126.821


 44, 61.016,
126.821


 100, 61.016,
126.821


 34, 61.016,
126.821

 64, 61.016,
126.821


 24, 61.016,
126.821

 74, 61.016,
126.821

 14, 61.016,
126.821

 84, 61.016,
126.821

 4, 61.016, 126.821

 94, 61.016,
126.821

 0, 61.016, 126.821

 44, 61.016,

 44, 61.016,

126.821

■ 44, 60.900,
126.881

126.821

■ 44, 57.634,
126.285

■ 45, 53.610,
125.854

■ 45, 48.464,
125.787

■ 46, 42.481,
125.974

■ 46, 35.926,
126.317

■ 47, 29.004,
126.743

■ 47, 21.861,
127.204

■ 48, 14.601,
127.671

Harmonies

Complementary

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



44, 61.016, 126.821



16, 70.360, 312.010

Rectangle

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



44, 61.016, 126.821



44, 61.016, 176.821



44, 61.016, 306.821



44, 61.016, 356.821

Sweetspot

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



44, 60.900, 126.881



60, 27.113, 127.169



31, 47.968, 60.814



31, 18.363, 127.015



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, 60.900, 126.881



57, 73.972, 127.296



43, 67.498, 135.898



24, 4.096, 128.170



46, 62.713, 126.950



88, 107.226, 127.846

Inverse Universe

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



16, 70.360, 312.010



23, 85.361, 311.726



27, 65.276, 327.600



23, 4.150, 308.919



17, 72.439, 311.962



40, 123.541, 311.351

Previews

White Background



This preview shows how the CIELCh color 44, 61.016, 126.821 looks on a white background.

Color Contrast Check

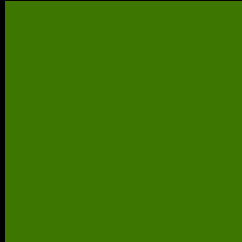
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 61.016, 126.821 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, 61.016, 126.821

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.016, 126.821.



This preview shows how white text looks on a background with the CIELCh color 44, 61.016, 126.821.

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, 61.016, 126.821

Protanopia

44, 50.578, 95.485

Deuteranopia

44, 44.359, 82.736



Tritanopia
44, 12.889, 223.120

Trichromacy



Original Color
44, 61.016, 126.821

Protanomaly
43, 52.295, 109.775

Deuteranomaly
43, 46.788, 103.358

Tritanomaly
43, 28.127, 145.143

Monochromacy



Original Color
44, 61.016, 126.821

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 27.346, 126.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.016, 126.821 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, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 118, 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(61, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 118, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.016, 126.821 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, 118, 0) }
```

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

```
.border{ border-color:rgb(61, 118, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(61, 118, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.016, 126.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 118, 0) }
```

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

```
.background{ background-color: rgb(61, 118,  
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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