

Converting Colors

CIELCh(43, 48.506, 126.307)

Have a look what the booklet for
CIELCh(43, 48.506, 126.307)
contains.

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Color

CIELCh(43, 48.522, 126.307)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 48711F |
| RGB | 72, 113, 31 |
| RGB Percent | 28%, 44%, 12% |
| CMY | 0.7196, 0.5588, 0.8803 |
| CMYK | 0.36, 0.00, 0.73, 0.56 |
| HSL | 90°, 57%, 28% |
| HSV | 90°, 73%, 44% |
| XYZ | 8.7283, 13.1578, 3.3424 |
| YIQ | 91.3930, 1.8860, -34.1940 |

Conversions

Conversions Part 2

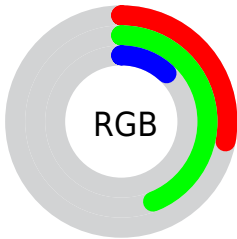
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 31, 113, 72 |
| Decimal | 4747551 |
| CIELab | 43.00, -28.73, 39.10 |
| CIELCh | 43, 48.522, 126.307 |
| Yxy | 13.1578, 0.3460, 0.5215 |
| Android (android.graphics.Color) | 4282937631 (0xFF48711F) |
| YUV | 91.3930, -29.7737, -17.0077 |
| Hunter-Lab | 36.2736, -20.5275, 19.9283 |

Details

The CIELCh color $43, 48.522, 126.307$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $22, 53.890, 312.417$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 48.611, 126.103$, and $24, 41.397, 130.772$ is the 20% darker color. If you saturate the color by 10%, you get $43, 53.267, 126.449$, and if you desaturate by 10%, it is $43, 42.903, 126.445$.

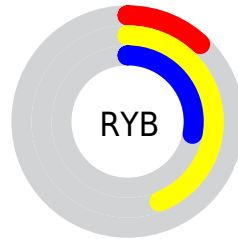
Distribution



Red (28%)

Green (44%)

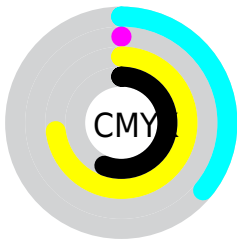
Blue (12%)



Red (12%)

Yellow (44%)

Blue (28%)

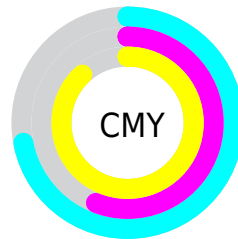


Cyan (36%)

Magenta (0%)

Yellow (73%)

Black (56%)



Cyan (72%)


Magenta (56%)

Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 48.522, 126.307 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 43, 48.522, 126.307 by changing the saturation by 10% instead.

 43, 48.522,
126.307


 43, 48.522,
126.307


 100, 48.522,
126.307

 33, 48.522,
126.307

 63, 48.522,
126.307

 23, 48.522,
126.307

 73, 48.522,
126.307

 13, 48.522,
126.307

 83, 48.522,
126.307

 3, 48.522, 126.307

 93, 48.522,
126.307

 0, 48.522, 126.307

 43, 48.522,

 43, 48.522,

126.307

126.307

■ 43, 53.267,
126.449

■ 43, 42.903,
126.445

■ 42, 56.896,
126.963

■ 44, 36.673,
126.757

■ 42, 59.250,
127.311

■ 44, 30.045,
127.166

■ 45, 23.173,
127.618

■ 46, 16.165,
128.081

■ 46, 9.098, 128.535

■ 47, 2.027, 128.991

■ 48, 5.010, 309.334

■ 49, 11.985,

Harmonies

Complementary

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



43, 48.522, 126.307



22, 53.890, 312.417

Rectangle

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



43, 48.522, 126.307



43, 48.522, 176.307



43, 48.522, 306.307



43, 48.522, 356.307

Sweetspot

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



43, 48.522, 126.308



58, 19.172, 128.096



34, 33.829, 66.596



30, 12.979, 128.003



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 48.522, 126.308



54, 66.992, 126.733



41, 55.311, 138.199



23, 3.959, 128.707



45, 62.047, 127.424



87, 106.915, 128.343

Inverse Universe

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



22, 53.890, 312.417



25, 75.912, 312.523



28, 54.370, 327.745



21, 4.010, 309.438



17, 71.115, 312.325



40, 122.175, 311.694

Previews

White Background



This preview shows how the CIELCh color 43, 48.522, 126.307 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 43, 48.522, 126.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

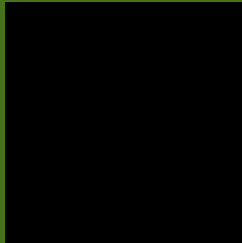
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 48.522, 126.307

Background



This preview shows how black text looks on a background with the CIELCh color 43, 48.522, 126.307.



This preview shows how white text looks on a background with the CIELCh color 43, 48.522, 126.307.

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


43, 48.522, 126.307

Protanopia

43, 41.125, 95.071

Deuteranopia

43, 37.632, 81.526



Tritanopia
43, 9.448, 229.393

Trichromacy



Original Color
43, 48.522, 126.307

Protanomaly
43, 41.949, 108.028

Deuteranomaly
42, 37.923, 101.556

Tritanomaly
43, 19.346, 146.663

Monochromacy



Original Color
43, 48.522, 126.307

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 19.239, 127.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 48.522, 126.307 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(72, 113, 31)` looks like.

```
.text, #text, p{  
    color:rgb(72, 113, 31)  
}
```

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(72, 113, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 113, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 48.522, 126.307 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(72, 113, 31) }
```

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

```
.border{ border-color:rgb(72, 113, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 113, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 113, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 113, 31);  
box-shadow:4px 4px 4px 4px rgb(72, 113,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 48.522, 126.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 113, 31) }
```

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

```
.background{ background-color: rgb(72, 113,  
31) }
```

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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