

Converting Colors

CIELCh(44, 29.722, 122.920)

Have a look what the booklet for
CIELCh(44, 29.722, 122.920)
contains.

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Color

CIELCh(44, 29.759, 122.904)

Conversions

Conversions Part 1

Format	Color
Hex	5B6E3D
RGB	91, 110, 61
RGB Percent	36%, 43%, 24%
CMY	0.6414, 0.5668, 0.7591
CMYK	0.17, 0.00, 0.44, 0.57
HSL	83°, 29%, 34%
HSV	83°, 44%, 43%
XYZ	10.8373, 13.8382, 6.5746
YIQ	98.7330, 4.4050, -19.2670

Conversions

Conversions Part 2

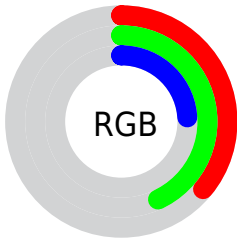
Format	Color
RYB	61, 110, 80
Decimal	5991997
CIELab	44.00, -16.17, 24.99
CIELCh	44, 29.759, 122.904
Yxy	13.8382, 0.3468, 0.4428
Android (android.graphics.Color)	4284182077 (0xFF5B6E3D)
YUV	98.7330, -18.6024, -6.7818
Hunter-Lab	37.1997, -13.0978, 15.5611

Details


The CIELCh color $44, 29.759, 122.904$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30, 32.160, 307.618$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 30.180, 123.003$, and $24, 29.648, 122.275$ is the 20% darker color. If you saturate the color by 10%, you get $44, 36.028, 122.494$, and if you desaturate by 10%, it is $45, 23.228, 123.378$.

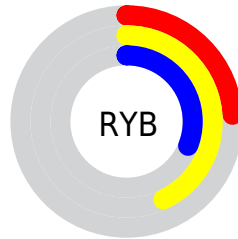
Distribution



 Red (36%)

 Green (43%)

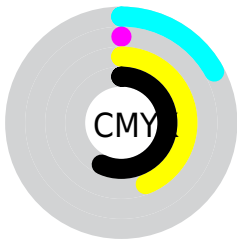
 Blue (24%)



 Red (24%)

 Yellow (43%)

 Blue (31%)

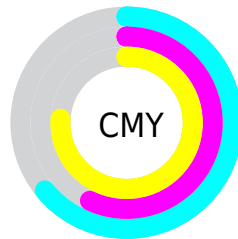



 Cyan (17%)


 Magenta (0%)

 Yellow (44%)

 Black (57%)



 Cyan (64%)

 Magenta (57%)

 Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 29.759, 122.904 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, 29.759, 122.904 by changing the saturation by 10% instead.


 44, 29.759,
122.904


 44, 29.759,
122.904


 100, 29.759,
122.904

 34, 29.759,
122.904

 64, 29.759,
122.904


 24, 29.759,
122.904

 74, 29.759,
122.904

 14, 29.759,
122.904

 84, 29.759,
122.904

 4, 29.759, 122.904

 94, 29.759,
122.904

 0, 29.759, 122.904

 44, 29.759,

 44, 29.759,

122.904

122.904

■ 44, 36.028,
122.494

■ 45, 23.228,
123.378

■ 43, 41.876,
122.197

■ 45, 16.540,
123.874

■ 43, 47.089,
122.093

■ 46, 9.772, 124.372

■ 42, 51.404,
122.281

■ 46, 2.976, 124.864

■ 47, 3.810, 305.290

■ 42, 54.662,
122.819

■ 48, 10.559,
305.728

■ 42, 56.418,
123.088

■ 49, 17.251,
306.128

■ 49, 23.872,
306.496

■ 50, 30.412,

Harmonies

Complementary

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



44, 29.759, 122.904



30, 32.160, 307.618

Rectangle

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



44, 29.759, 122.904



44, 29.759, 172.904



44, 29.759, 302.904



44, 29.759, 352.904

Sweetspot

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



44, 29.760, 122.906



58, 10.897, 124.424



37, 18.905, 57.996



30, 7.572, 124.338



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 29.760, 122.906



56, 43.338, 122.494



42, 34.275, 138.560



23, 3.867, 124.636



45, 59.864, 123.230



89, 102.960, 124.128

Inverse Universe

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



30, 32.160, 307.618



35, 47.839, 308.297



33, 34.552, 323.188



21, 3.927, 305.479



15, 72.765, 310.051



36, 125.115, 309.461

Previews

White Background



This preview shows how the CIELCh color 44, 29.759, 122.904 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, 29.759, 122.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

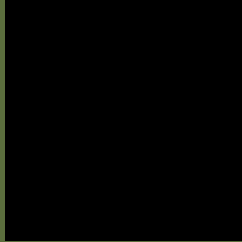
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.759, 122.904

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.759, 122.904.



This preview shows how white text looks on a background with the CIELCh color 44, 29.759, 122.904.

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

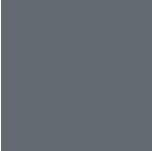
44, 29.759, 122.904

Protanopia

44, 26.830, 96.131

Deuteranopia

44, 24.725, 75.806



Tritanopia
44, 5.468, 260.695

Trichromacy



Original Color
44, 29.759, 122.904

Protanomaly
44, 26.854, 106.259

Deuteranomaly
44, 24.082, 95.435

Tritanomaly
44, 9.065, 139.625

Monochromacy



Original Color
44, 29.759, 122.904

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 11.204, 124.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.759, 122.904 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(91, 110, 61)` looks like.

```
.text, #text, p{  
    color:rgb(91, 110, 61)  
}
```

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(91, 110, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 110, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.759, 122.904 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(91, 110, 61) }
```

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

```
.border{ border-color:rgb(91, 110, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 110, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 110, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 110, 61);  
box-shadow:4px 4px 4px 4px rgb(91, 110,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.759, 122.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 110, 61) }
```

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

```
.background{ background-color: rgb(91, 110,  
61) }
```

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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