

Converting Colors

CIELCh(44, 19.633, 122.011)

Have a look what the booklet for
CIELCh(44, 19.633, 122.011)
contains.

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Color

CIELCh(44, 19.517, 121.915)

Conversions

Conversions Part 1

Format	Color
Hex	616C4C
RGB	97, 108, 76
RGB Percent	38%, 42%, 30%
CMY	0.6189, 0.5758, 0.7013
CMYK	0.10, 0.00, 0.30, 0.58
HSL	81°, 17%, 36%
HSV	81°, 30%, 42%
XYZ	11.6405, 13.8382, 8.9259
YIQ	101.0630, 3.7160, -12.2840

Conversions

Conversions Part 2

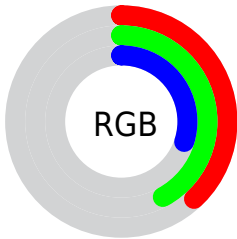
Format	Color
RYB	76, 108, 87
Decimal	6384716
CIELab	44.00, -10.32, 16.57
CIElCh	44, 19.517, 121.915
Yxy	13.8382, 0.3383, 0.4022
Android (android.graphics.Color)	4284574796 (0xFF616C4C)
YUV	101.0630, -12.3561, -3.5633
Hunter-Lab	37.1997, -9.2433, 11.8134

Details

The CIELCh color **44, 19.517, 121.915** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35, 20.565, 305.162**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 19.316, 121.518**, and **24, 20.042, 122.051** is the 20% darker color. If you saturate the color by 10%, you get **44, 25.956, 121.407**, and if you desaturate by 10%, it is **45, 12.962, 122.442**.

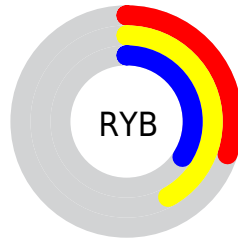
Distribution



Red (38%)

Green (42%)

Blue (30%)



Red (30%)

Yellow (42%)

Blue (34%)

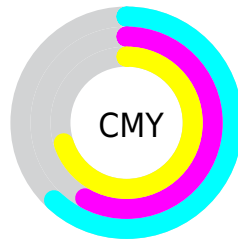


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (58%)



Cyan (62%)


Magenta (58%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 19.517, 121.915 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, 19.517, 121.915 by changing the saturation by 10% instead.


 44, 19.517,
121.915


 44, 19.517,
121.915


 100, 19.517,
121.915


 34, 19.517,
121.915

 64, 19.517,
121.915


 24, 19.517,
121.915


 74, 19.517,
121.915

 14, 19.517,
121.915


 84, 19.517,
121.915

 4, 19.517, 121.915

 94, 19.517,
121.915

 0, 19.517, 121.915

 44, 19.517,

 44, 19.517,

121.915

■ 44, 25.956,
121.407

■ 43, 32.189,
120.938

■ 43, 38.087,
120.557

■ 42, 43.471,
120.325

■ 42, 48.100,
120.330

■ 42, 51.713,
120.670

■ 41, 54.705,
121.161

■ 41, 54.833,
121.177

121.915

■ 45, 12.962,
122.442

■ 45, 6.349, 122.962

■ 46, 0.278, 303.307

■ 46, 6.888, 303.924

■ 47, 13.460,
304.372

■ 48, 19.976,
304.788

■ 49, 26.425,
305.173

■ 49, 32.798,
305.528

■ 50, 39.089,

Harmonies

Complementary

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



44, 19.517, 121.915



35, 20.565, 305.162

Rectangle

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



44, 19.517, 121.915



44, 19.517, 171.915



44, 19.517, 301.915



44, 19.517, 351.915

Sweetspot

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



44, 19.518, 121.917



58, 7.373, 122.980



39, 11.826, 53.588



30, 5.164, 122.921



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, 19.518, 121.917



56, 29.262, 121.538



43, 22.267, 138.284



22, 3.689, 122.995



45, 58.136, 121.313



88, 100.664, 122.197

Inverse Universe

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



35, 20.565, 305.162



42, 31.298, 305.679



36, 22.498, 321.064



20, 3.750, 303.891



14, 72.241, 309.342



35, 125.188, 308.769

Previews

White Background



This preview shows how the CIE LCh color 44, 19.517, 121.915 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, 19.517, 121.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

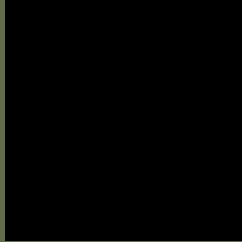
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 19.517, 121.915

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.517, 121.915.



This preview shows how white text looks on a background with the CIELCh color 44, 19.517, 121.915.

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, 19.517, 121.915

Protanopia

44, 18.168, 95.962

Deuteranopia

44, 16.698, 71.126



Tritanopia
44, 4.845, 281.426

Trichromacy



Original Color
44, 19.517, 121.915

Protanomaly
44, 18.317, 106.104

Deuteranomaly
44, 16.139, 91.552

Tritanomaly
44, 4.889, 140.223

Monochromacy



Original Color
44, 19.517, 121.915

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 7.383, 122.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.517, 121.915 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(97, 108, 76)` looks like.

```
.text, #text, p{  
    color:rgb(97, 108, 76)  
}
```

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(97, 108, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 108, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.517, 121.915 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(97, 108, 76) }
```

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

```
.border{ border-color:rgb(97, 108, 76) }
```

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

Here you see how a box with a 4 pixel rgb(97, 108, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 108, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 108, 76);  
box-shadow:4px 4px 4px 4px rgb(97, 108,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.517, 121.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 108, 76) }
```

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

```
.background{ background-color: rgb(97, 108,  
76) }
```

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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