

Converting Colors

CIELCh(44, 13.283, 139.735)

Have a look what the booklet for
CIELCh(44, 13.283, 139.735)
contains.

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Color

CIELCh(44, 12.727, 140.571)

Conversions

Conversions Part 1

Format	Color
Hex	5C6C5A
RGB	92, 108, 90
RGB Percent	36%, 42%, 35%
CMY	0.6378, 0.5751, 0.6457
CMYK	0.15, 0.00, 0.17, 0.58
HSL	113°, 9%, 39%
HSV	113°, 17%, 42%
XYZ	11.7092, 13.8382, 11.8042
YIQ	101.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

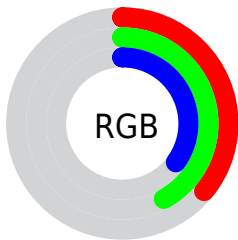
Format	Color
R_{YB}	90, 108, 106
Decimal	6057050
CIE _{Lab}	44.00, -9.83, 8.08
CIE _{LCh}	44, 12.727, 140.571
Yxy	13.8382, 0.3135, 0.3705
Android (android.graphics.Color)	4284247130 (0xFF5C6C5A)
YUV	101.1640, -5.5039, -8.0368
Hunter-Lab	37.1997, -8.9137, 7.2259

Details

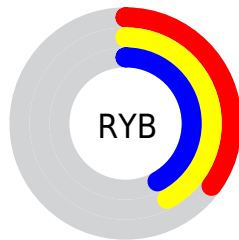
The CIELCh color **44, 12.727, 140.571** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 12.785, 322.141**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 12.527, 140.970**, and **24, 13.245, 139.857** is the 20% darker color. If you saturate the color by 10%, you get **43, 20.423, 139.963**, and if you desaturate by 10%, it is **45, 5.043, 141.118**.

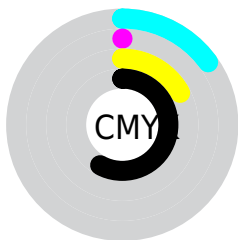
Distribution



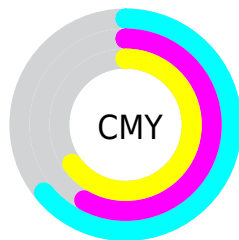
- Red (36%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)





- Cyan (64%)
- Magenta (58%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 12.727, 140.571 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, 12.727, 140.571 by changing the saturation by 10% instead.


 44, 12.727,
140.571


 44, 12.727,
140.571


 100, 12.727,
140.571


 34, 12.727,
140.571

 64, 12.727,
140.571


 24, 12.727,
140.571

 74, 12.727,
140.571


 14, 12.727,
140.571


 84, 12.727,
140.571

 4, 12.727, 140.571

 94, 12.727,
140.571

 0, 12.727, 140.571

 44, 12.727,

 44, 12.727,

140.571

■ 43, 20.423,
139.963

■ 42, 28.031,
139.279

■ 41, 35.422,
138.528

■ 41, 42.429,
137.732

■ 40, 48.837,
136.942

■ 40, 54.383,
136.238

■ 40, 58.774,
135.728

■ 39, 62.002,
135.364

140.571

■ 45, 5.043, 141.118

■ 46, 2.561, 321.488

■ 47, 10.032,
321.924

■ 49, 17.338,
322.267

■ 50, 24.456,
322.558

■ 51, 31.375,
322.806

■ 53, 38.091,
323.018

■ 55, 44.605,
323.199

■ 39, 63.033,
135.143

■ 56, 50.922,
323.354

Harmonies

Complementary

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



44, 12.727, 140.571



40, 12.785, 322.141

Rectangle

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



44, 12.727, 140.571



44, 12.727, 190.571



44, 12.727, 320.571



44, 12.727, 10.571

Sweetspot

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



44, 12.728, 140.572



58, 4.698, 141.199



45, 9.488, 103.307



30, 3.232, 141.169



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, 12.728, 140.572



56, 18.946, 140.342



44, 10.001, 156.654



22, 4.245, 140.994



43, 66.750, 135.209



85, 115.440, 135.581

Inverse Universe

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



40, 12.785, 322.141



51, 19.042, 322.321



40, 10.112, 339.034



21, 4.260, 321.781



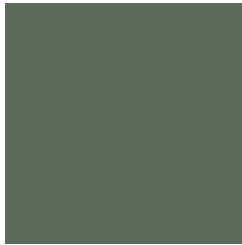
24, 65.596, 324.098



53, 112.949, 323.862

Previews

White Background



This preview shows how the CIELCh color 44, 12.727, 140.571 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, 12.727, 140.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

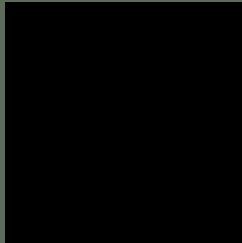
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 12.727, 140.571

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.727, 140.571.



This preview shows how white text looks on a background with the CIELCh color 44, 12.727, 140.571.

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

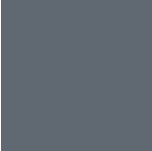
44, 12.727, 140.571

Protanopia

44, 9.777, 95.853

Deuteranopia

44, 9.251, 51.105



Tritanopia
44, 5.874, 254.091

Trichromacy



Original Color
44, 12.727, 140.571

Protanomaly
44, 10.197, 116.015

Deuteranomaly
44, 7.618, 89.151

Tritanomaly
44, 4.477, 191.228

Monochromacy



Original Color
44, 12.727, 140.571

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.398, 144.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.727, 140.571 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(92, 108, 90)` looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 90)  
}
```

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(92, 108, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.727, 140.571 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(92, 108, 90) }
```

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

```
.border{ border-color:rgb(92, 108, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 108, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 90);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.727, 140.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 90) }
```

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

```
.background{ background-color: rgb(92, 108,  
90) }
```

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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