

Converting Colors

CIELCh(44, 13.296, 132.995)

Have a look what the booklet for
CIELCh(44, 13.296, 132.995)
contains.

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Color

CIELCh(44, 13.159, 133.369)

Conversions

Conversions Part 1

Format	Color
Hex	5F6C58
RGB	95, 108, 88
RGB Percent	37%, 42%, 35%
CMY	0.6278, 0.5768, 0.6552
CMYK	0.12, 0.00, 0.19, 0.58
HSL	99°, 10%, 38%
HSV	99°, 19%, 42%
XYZ	11.8217, 13.8382, 11.2622
YIQ	101.8330, -1.3280, -8.9760

Conversions

Conversions Part 2

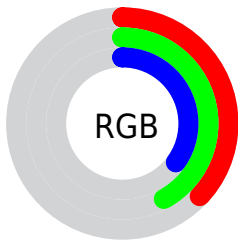
Format	Color
R_{YB}	88, 108, 101
Decimal	6253656
CIE Lab	44.00, -9.04, 9.57
CIE LCh	44, 13.159, 133.369
Yxy	13.8382, 0.3202, 0.3748
Android (android.graphics.Color)	4284443736 (0xFF5F6C58)
YUV	101.8330, -6.8197, -5.9925
Hunter-Lab	37.1997, -8.3739, 8.0898

Details

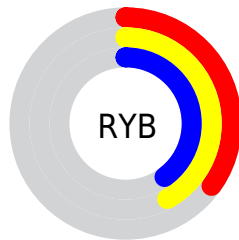
The CIELCh color **44, 13.159, 133.369** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 13.370, 314.864**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 12.762, 132.572**, and **24, 13.121, 133.498** is the 20% darker color. If you saturate the color by 10%, you get **43, 20.266, 132.901**, and if you desaturate by 10%, it is **45, 6.040, 133.812**.

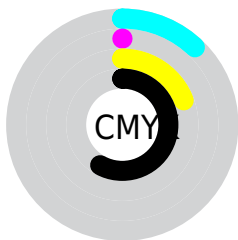
Distribution



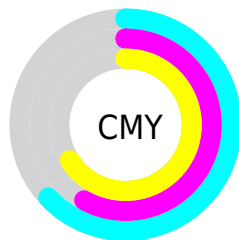
- Red (37%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.159, 133.369 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, 13.159, 133.369 by changing the saturation by 10% instead.


 44, 13.159,
133.369


 44, 13.159,
133.369


 100, 13.159,
133.369


 34, 13.159,
133.369

 64, 13.159,
133.369


 24, 13.159,
133.369

 74, 13.159,
133.369


 14, 13.159,
133.369


 84, 13.159,
133.369

 4, 13.159, 133.369

 94, 13.159,
133.369

 0, 13.159, 133.369

 44, 13.159,

 44, 13.159,

133.369

133.369

■ 43, 20.266,
132.901

■ 45, 6.040, 133.812

■ 43, 27.286,
132.411

■ 46, 1.042, 314.086

■ 47, 8.048, 314.526

■ 42, 34.120,
131.922

■ 48, 14.952,
314.844

■ 41, 40.633,
131.474

■ 49, 21.735,
315.121

■ 41, 46.636,
131.130

■ 50, 28.386,
315.363

■ 40, 51.888,
130.982

■ 51, 34.897,
315.574

■ 40, 56.115,
131.138

■ 52, 41.264,
315.757

■ 40, 59.531,
131.428

■ 53, 47.488,

■ 40, 60.038,
131.437

315.917

Harmonies

Complementary

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



44, 13.159, 133.369



39, 13.370, 314.864

Rectangle

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



44, 13.159, 133.369



44, 13.159, 183.369



44, 13.159, 313.369



44, 13.159, 3.369

Sweetspot

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



44, 13.160, 133.371



58, 5.260, 133.916



43, 8.366, 87.537



30, 3.517, 133.896



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, 13.160, 133.371



56, 19.380, 133.183



44, 13.214, 147.684



22, 3.954, 133.794



43, 63.807, 131.574



86, 110.853, 132.395

Inverse Universe

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



39, 13.370, 314.864



49, 19.756, 315.036



40, 13.248, 329.883



20, 3.989, 314.465



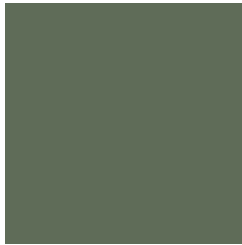
19, 67.938, 316.244



44, 117.366, 315.655

Previews

White Background



This preview shows how the CIELCh color 44, 13.159, 133.369 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, 13.159, 133.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

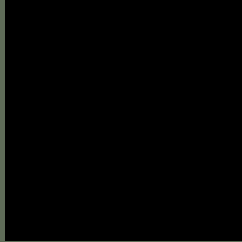
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 13.159, 133.369

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.159, 133.369.

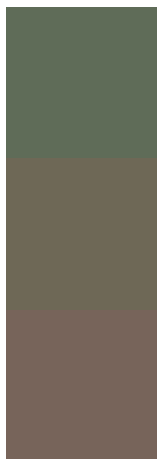


This preview shows how white text looks on a background with the CIELCh color 44, 13.159, 133.369.

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, 13.159, 133.369

Protanopia

44, 11.039, 94.747

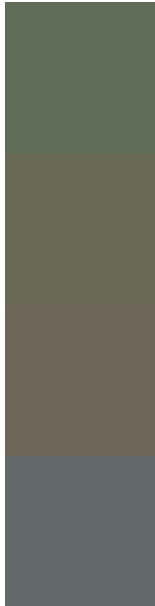
Deuteranopia

44, 10.344, 55.219



Tritanopia
44, 5.703, 270.782

Trichromacy



Original Color
44, 13.159, 133.369

Protanomaly
44, 10.708, 108.621

Deuteranomaly
44, 8.897, 88.836

Tritanomaly
44, 2.916, 187.295

Monochromacy



Original Color
44, 13.159, 133.369

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.701, 135.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.159, 133.369 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(95, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 88)  
}
```

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(95, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.159, 133.369 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(95, 108, 88) }
```

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

```
.border{ border-color:rgb(95, 108, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 108, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(95, 108,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.159, 133.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 108, 88) }
```

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

```
.background{ background-color: rgb(95, 108,  
88) }
```

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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