

Converting Colors

CIELCh(44, 13.153, 225.807)

Have a look what the booklet for
CIELCh(44, 13.153, 225.807)
contains.

CIELCh(44, 13.079, 225.698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 13.079, 225.698)

Conversions

Conversions Part 1

Format	Color
Hex	4C6D77
RGB	76, 109, 119
RGB Percent	30%, 43%, 47%
CMY	0.7015, 0.5721, 0.5329
CMYK	0.36, 0.08, 0.00, 0.53
HSL	194°, 22%, 38%
HSV	194°, 36%, 47%
XYZ	11.8077, 13.8382, 19.5387
YIQ	100.2730, -22.8780, -3.8860

Conversions

Conversions Part 2

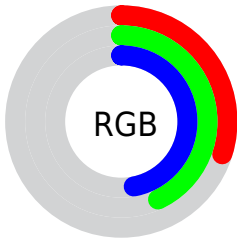
Format	Color
RYB	76, 95, 119
Decimal	5008759
CIELab	44.00, -9.13, -9.36
CIELCh	44, 13.079, 225.698
Yxy	13.8382, 0.2613, 0.3063
Android (android.graphics.Color)	4283198839 (0xFF4C6D77)
YUV	100.2730, 9.2324, -21.2874
Hunter-Lab	37.1997, -8.4412, -5.1015

Details

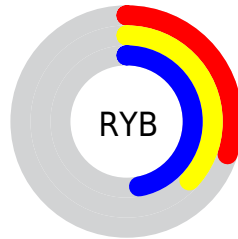
The CIELCh color **44, 13.079, 225.698** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **40, 16.557, 42.534**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 12.958, 224.129**, and **24, 13.107, 228.481** is the 20% darker color. If you saturate the color by 10%, you get **42, 16.056, 226.878**, and if you desaturate by 10%, it is **46, 9.777, 224.793**.

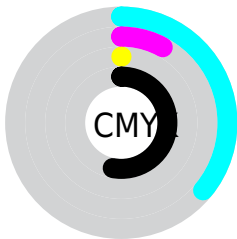
Distribution



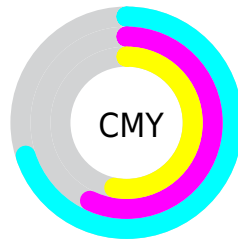
- Red (30%)
- Green (43%)
- Blue (47%)



- Red (30%)
- Yellow (37%)
- Blue (47%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (57%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 13.079, 225.698 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, 13.079, 225.698 by changing the saturation by 10% instead.

 44, 13.079,
225.698


 44, 13.079,
225.698

 100, 13.079,
225.698

 34, 13.079,
225.698

 64, 13.079,
225.698


 24, 13.079,
225.698

 74, 13.079,
225.698

 14, 13.079,
225.698


 84, 13.079,
225.698

 4, 13.079, 225.698

 94, 13.079,
225.698

 0, 13.079, 225.698

 44, 13.079,

 44, 13.079,

225.698

■ 42, 16.056,
226.878

■ 41, 18.661,
228.406

■ 40, 20.856,
230.355

■ 38, 22.622,
232.802

■ 37, 23.974,
235.821

■ 36, 25.009,
239.368

■ 36, 25.419,
240.730

225.698

■ 46, 9.777, 224.793

■ 47, 6.203, 224.126

■ 49, 2.407, 223.706

■ 51, 1.566, 42.948

■ 53, 5.675, 42.854

■ 54, 9.887, 42.703

■ 56, 14.172, 42.603

■ 58, 18.508, 42.549

■ 60, 22.875, 42.534

Harmonies

Complementary

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



44, 13.079, 225.698



40, 16.557, 42.534

Rectangle

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



44, 13.079, 225.698



44, 13.079, 275.698



44, 13.079, 45.698



44, 13.079, 95.698

Sweetspot

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



44, 13.079, 225.694



62, 5.336, 223.883



46, 26.547, 148.377



32, 3.604, 223.932



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 13.079, 225.694



55, 18.792, 226.614



38, 19.305, 280.277



24, 2.178, 223.792



37, 25.932, 240.866



73, 44.450, 243.509

Inverse Universe

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



38, 26.388, 334.012



47, 38.821, 334.580



46, 19.047, 90.587



23, 4.045, 332.209



27, 56.461, 339.685



56, 94.874, 340.490

Previews

White Background



This preview shows how the CIE LCh color 44, 13.079, 225.698 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, 13.079, 225.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

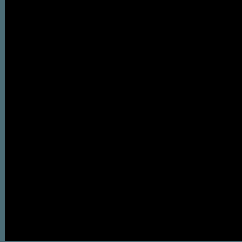
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

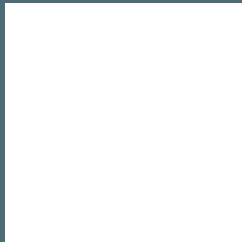
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 13.079, 225.698

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.079, 225.698.



This preview shows how white text looks on a background with the CIELCh color 44, 13.079, 225.698.

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, 13.079, 225.698

Protanopia

44, 7.203, 288.085

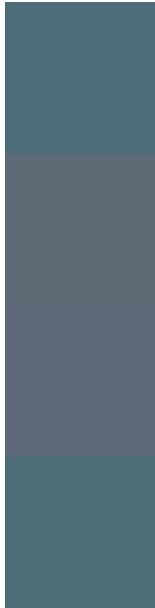
Deuteranopia

44, 12.203, 300.981



Tritanopia
44, 12.889, 223.120

Trichromacy



Original Color
44, 13.079, 225.698

Protanomaly
44, 7.929, 255.674

Deuteranomaly
44, 10.091, 271.807

Tritanomaly
44, 12.889, 223.120

Monochromacy



Original Color
44, 13.079, 225.698

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 5.264, 226.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.079, 225.698 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(76, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(76, 109, 119)  
}
```

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(76, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 109, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.079, 225.698 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(76, 109, 119) }
```

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

```
.border{ border-color:rgb(76, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(76, 109,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.079, 225.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 109, 119) }
```

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

```
.background{ background-color: rgb(76, 109,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor