

Converting Colors

CIELCh(43, 13.026, 219.934)

Have a look what the booklet for
CIELCh(43, 13.026, 219.934)
contains.

CIELCh(43, 13.032, 219.955)	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(43, 13.032, 219.955)

Conversions

Conversions Part 1

Format	Color
Hex	496B73
RGB	73, 107, 115
RGB Percent	29%, 42%, 45%
CMY	0.7139, 0.5806, 0.5492
CMYK	0.37, 0.07, 0.00, 0.55
HSL	191°, 22%, 37%
HSV	191°, 37%, 45%
XYZ	11.0894, 13.1578, 18.1614
YIQ	97.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

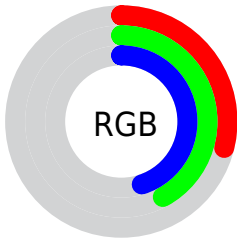
Format	Color
R _Y B	73, 92, 115
Decimal	4811635
CIE Lab	43.00, -9.99, -8.37
CIE LCh	43, 13.032, 219.955
Yxy	13.1578, 0.2615, 0.3103
Android (android.graphics.Color)	4283001715 (0xFF496B73)
YUV	97.7460, 8.5062, -21.7022
Hunter-Lab	36.2736, -8.9086, -4.2937

Details

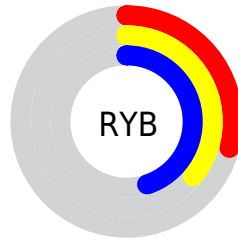
The CIELCh color **43, 13.032, 219.955** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 16.685, 38.374**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 13.103, 221.180**, and **23, 13.060, 218.633** is the 20% darker color. If you saturate the color by 10%, you get **42, 15.913, 220.827**, and if you desaturate by 10%, it is **44, 9.808, 219.314**.

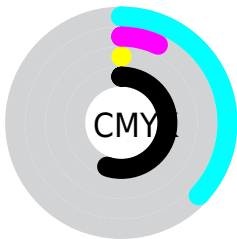
Distribution



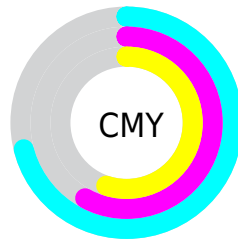
- Red (29%)
- Green (42%)
- Blue (45%)



- Red (29%)
- Yellow (36%)
- Blue (45%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (55%)





- Cyan (71%)
- Magenta (58%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.032, 219.955 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 43, 13.032, 219.955 by changing the saturation by 10% instead.


 43, 13.032,
219.955


 43, 13.032,
219.955


 100, 13.032,
219.955


 33, 13.032,
219.955

 63, 13.032,
219.955


 23, 13.032,
219.955

 73, 13.032,
219.955

 13, 13.032,
219.955

 83, 13.032,
219.955

 3, 13.032, 219.955

 93, 13.032,
219.955

 0, 13.032, 219.955

 43, 13.032,

 43, 13.032,

219.955

■ 42, 15.913,
220.827

■ 40, 18.400,
221.994

■ 39, 20.451,
223.516

■ 38, 22.042,
225.461

■ 37, 23.179,
227.899

■ 36, 23.967,
230.782

■ 36, 24.242,
231.767

219.955

■ 44, 9.808, 219.314

■ 46, 6.297, 218.876

■ 47, 2.552, 218.651

■ 49, 1.380, 38.053

■ 51, 5.455, 38.150

■ 52, 9.638, 38.150

■ 54, 13.899, 38.188

■ 56, 18.212, 38.263

■ 58, 22.558, 38.366

Harmonies

Complementary

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



43, 13.032, 219.955



38, 16.685, 38.374

Rectangle

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



43, 13.032, 219.955



43, 13.032, 269.955



43, 13.032, 39.955



43, 13.032, 89.955

Sweetspot

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



43, 13.032, 219.951



60, 5.295, 218.723



45, 26.739, 147.234



31, 3.576, 218.749



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 13.032, 219.951



54, 18.875, 220.691



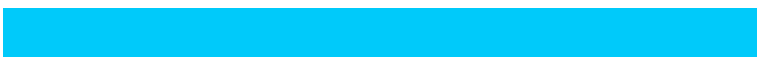
37, 18.201, 277.963



24, 2.222, 218.678



38, 25.363, 232.033



76, 43.152, 234.259

Inverse Universe

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



37, 26.690, 332.421



45, 39.726, 332.985



44, 18.198, 87.973



23, 4.168, 330.695



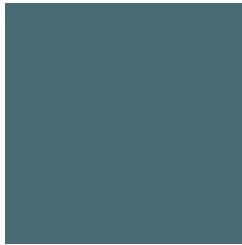
27, 58.183, 337.188



57, 97.893, 337.794

Previews

White Background



This preview shows how the CIE LCh color 43, 13.032, 219.955 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 43, 13.032, 219.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

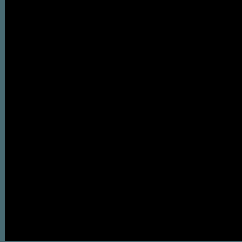
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

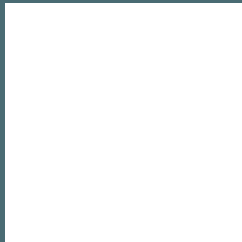
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.032, 219.955

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.032, 219.955.



This preview shows how white text looks on a background with the CIELCh color 43, 13.032, 219.955.

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

43, 13.032, 219.955

Protanopia

43, 6.027, 287.281

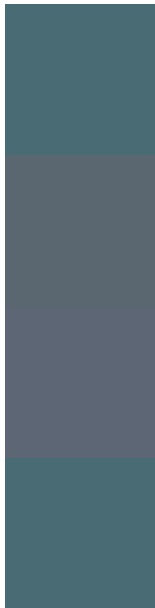
Deuteranopia

43, 11.060, 301.900



Tritanopia
43, 13.032, 219.955

Trichromacy



Original Color
43, 13.032, 219.955

Protanomaly
43, 7.278, 247.347

Deuteranomaly
43, 9.014, 268.940

Tritanomaly
43, 13.032, 219.955

Monochromacy



Original Color
43, 13.032, 219.955

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.065, 219.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.032, 219.955 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(73, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(73, 107, 115)  
}
```

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(73, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 107, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.032, 219.955 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(73, 107, 115) }
```

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

```
.border{ border-color:rgb(73, 107, 115) }
```

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

Here you see how a box with a 4 pixel rgb(73, 107, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(73, 107,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.032, 219.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 107, 115) }
```

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

```
.background{ background-color: rgb(73, 107,  
115) }
```

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