

Converting Colors

CIELCh(43, 14.266, 227.405)

Have a look what the booklet for
CIELCh(43, 14.266, 227.405)
contains.

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Color

CIELCh(43, 14.119, 226.306)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 476B76 |
| RGB | 71, 107, 118 |
| RGB Percent | 28%, 42%, 46% |
| CMY | 0.7216, 0.5805, 0.5373 |
| CMYK | 0.40, 0.09, 0.00, 0.54 |
| HSL | 194°, 25%, 37% |
| HSV | 194°, 40%, 46% |
| XYZ | 11.1216, 13.1578, 19.0872 |
| YIQ | 97.4900, -24.9870, -4.2110 |

Conversions

Conversions Part 2

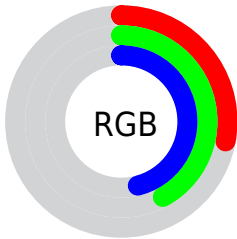
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 71, 91, 118 |
| Decimal | 4680566 |
| CIE _{Lab} | 43.00, -9.75, -10.21 |
| CIE _{LCh} | 43, 14.119, 226.306 |
| Yxy | 13.1578, 0.2565, 0.3034 |
| Android (android.graphics.Color) | 4282870646 (0xFF476B76) |
| YUV | 97.4900, 10.1114, -23.2317 |
| Hunter-Lab | 36.2736, -8.7502, -5.8068 |

Details

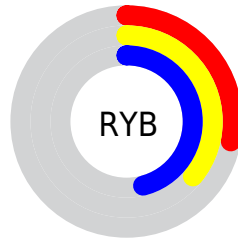
The CIELCh color $43, 14.119, 226.306$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $38, 18.381, 42.687$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 13.956, 227.401$, and $23, 14.136, 225.965$ is the 20% darker color. If you saturate the color by 10%, you get $42, 16.943, 227.616$, and if you desaturate by 10%, it is $45, 10.956, 225.295$.

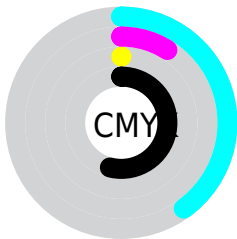
Distribution



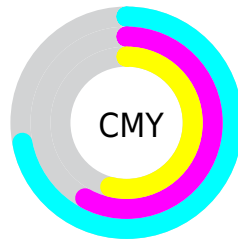
- Red (28%)
- Green (42%)
- Blue (46%)



- Red (28%)
- Yellow (36%)
- Blue (46%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (72%)
- Magenta (58%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 14.119, 226.306 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, 14.119, 226.306 by changing the saturation by 10% instead.


 43, 14.119,
226.306


 43, 14.119,
226.306


 100, 14.119,
226.306


 33, 14.119,
226.306

 63, 14.119,
226.306


 23, 14.119,
226.306


 73, 14.119,
226.306

 13, 14.119,
226.306

 83, 14.119,
226.306

 3, 14.119, 226.306

 93, 14.119,
226.306

 0, 14.119, 226.306

 43, 14.119,

 43, 14.119,

226.306

■ 42, 16.943,
227.616

■ 40, 19.384,
229.301

■ 39, 21.410,
231.436

■ 38, 23.014,
234.099

■ 36, 24.225,
237.358

■ 35, 25.251,
240.926

■ 35, 25.269,
240.982

226.306

■ 45, 10.956,
225.295

■ 46, 7.505, 224.537

■ 48, 3.816, 224.004

■ 50, 0.063, 37.727

■ 51, 4.091, 43.086

■ 53, 8.232, 42.917

■ 55, 12.455, 42.793

■ 57, 16.737, 42.718

■ 59, 21.057, 42.685

Harmonies

Complementary

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



43, 14.119, 226.306



38, 18.381, 42.687

Rectangle

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



43, 14.119, 226.306



43, 14.119, 276.306



43, 14.119, 46.306



43, 14.119, 96.306

Sweetspot

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



43, 14.119, 226.303



61, 5.727, 224.113



45, 28.641, 148.582



31, 3.767, 224.158



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, 14.119, 226.303



54, 20.247, 227.521



36, 21.680, 282.113



24, 2.177, 223.972



37, 25.962, 241.168



72, 44.514, 243.823

Inverse Universe

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



37, 28.783, 334.331



45, 42.389, 335.012



45, 21.189, 91.355



23, 4.041, 332.263



27, 56.404, 339.776



56, 94.773, 340.588

Previews

White Background



This preview shows how the CIE LCh color 43, 14.119, 226.306 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, 14.119, 226.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

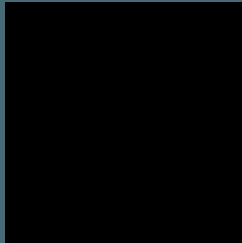
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

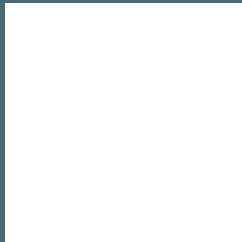
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 14.119, 226.306

Background



This preview shows how black text looks on a background with the CIELCh color 43, 14.119, 226.306.



This preview shows how white text looks on a background with the CIELCh color 43, 14.119, 226.306.

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, 14.119, 226.306

Protanopia

43, 8.443, 288.753

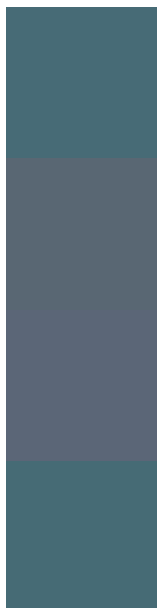
Deuteranopia

43, 12.739, 297.183



Tritanopia
43, 14.041, 220.914

Trichromacy



Original Color
43, 14.119, 226.306

Protanomaly
43, 8.837, 254.168

Deuteranomaly
43, 10.918, 269.411

Tritanomaly
43, 14.202, 223.341

Monochromacy



Original Color
43, 14.119, 226.306

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 5.620, 224.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 14.119, 226.306 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(71, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(71, 107, 118)  
}
```

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(71, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 107, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 14.119, 226.306 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(71, 107, 118) }
```

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

```
.border{ border-color:rgb(71, 107, 118) }
```

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

Here you see how a box with a 4 pixel rgb(71, 107, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 107, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 107, 118);  
box-shadow:4px 4px 4px 4px rgb(71, 107,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 14.119, 226.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 107, 118) }
```

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

```
.background{ background-color: rgb(71, 107,  
118) }
```

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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