

Converting Colors

CIELCh(43, 19.437, 254.304)

Have a look what the booklet for
CIELCh(43, 19.437, 254.304)
contains.

CIELCh(43, 19.311, 253.167)	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, 19.311, 253.167)

Conversions

Conversions Part 1

Format	Color
Hex	456A84
RGB	69, 106, 132
RGB Percent	27%, 42%, 52%
CMY	0.7306, 0.5855, 0.4836
CMYK	0.48, 0.20, 0.00, 0.48
HSL	205°, 31%, 39%
HSV	205°, 48%, 52%
XYZ	11.6991, 13.1578, 23.6411
YIQ	97.9010, -30.3980, 0.2420

Conversions

Conversions Part 2

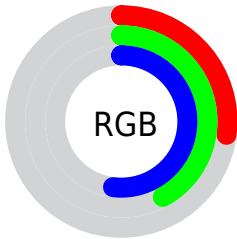
Format	Color
R _{YB}	69, 92, 132
Decimal	4549252
CIE _{Lab}	43.00, -5.59, -18.48
CIE _{LCh}	43, 19.311, 253.167
Yxy	13.1578, 0.2412, 0.2713
Android (android.graphics.Color)	4282739332 (0xFF456A84)
YUV	97.9010, 16.8108, -25.3462
Hunter-Lab	36.2736, -5.9086, -13.2503

Details

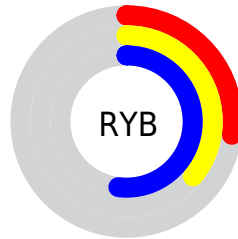
The CIELCh color **43, 19.311, 253.167** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43, 23.850, 60.687**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 19.250, 253.651**, and **23, 19.087, 252.258** is the 20% darker color. If you saturate the color by 10%, you get **41, 22.847, 255.849**, and if you desaturate by 10%, it is **45, 15.574, 250.934**.

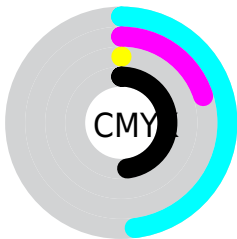
Distribution



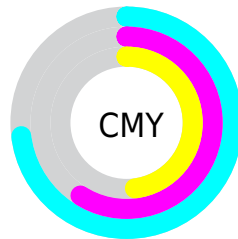
- Red (27%)
- Green (42%)
- Blue (52%)



- Red (27%)
- Yellow (36%)
- Blue (52%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)





- Cyan (73%)
- Magenta (59%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 19.311, 253.167 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, 19.311, 253.167 by changing the saturation by 10% instead.


 43, 19.311,
253.167


 43, 19.311,
253.167


 100, 19.311,
253.167


 33, 19.311,
253.167

 63, 19.311,
253.167


 23, 19.311,
253.167

 73, 19.311,
253.167

 13, 19.311,
253.167

 83, 19.311,
253.167

 3, 19.311, 253.167

 93, 19.311,
253.167

 0, 19.311, 253.167

 43, 19.311,

 43, 19.311,

253.167

■ 41, 22.847,
255.849

■ 38, 26.186,
259.043

■ 36, 29.353,
262.782

■ 34, 32.407,
267.045

■ 32, 35.468,
271.582

■ 32, 36.157,
272.499

253.167

■ 45, 15.574,
250.934

■ 48, 11.655,
249.088

■ 50, 7.578, 247.567

■ 53, 3.372, 246.343

■ 56, 0.934, 64.841

■ 58, 5.315, 64.229

■ 61, 9.748, 63.500

■ 64, 14.215, 62.867

■ 66, 18.699, 62.321

Harmonies

Complementary

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



43, 19.311, 253.167



43, 23.850, 60.687

Rectangle

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



43, 19.311, 253.167



43, 19.311, 303.167



43, 19.311, 73.167



43, 19.311, 123.167

Sweetspot

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



43, 19.310, 253.166



65, 7.392, 247.101



50, 32.737, 154.145



34, 5.131, 247.345



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 19.310, 253.166



52, 27.826, 255.981



34, 35.512, 292.764



27, 2.436, 246.483



31, 35.797, 272.432



0, 0.590, 245.411

Inverse Universe

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



38, 33.352, 343.439



46, 48.167, 344.716



52, 32.168, 100.887



26, 3.944, 339.850



28, 53.014, 352.949



0, 0.936, 339.218

Previews

White Background



This preview shows how the CIE LCh color 43, 19.311, 253.167 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 43, 19.311, 253.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

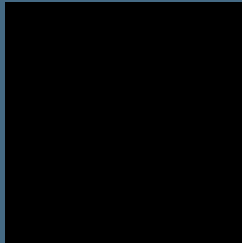
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

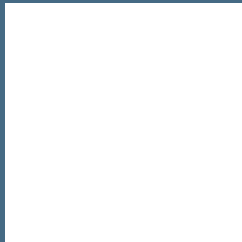
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 19.311, 253.167

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.311, 253.167.

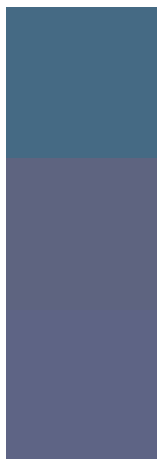


This preview shows how white text looks on a background with the CIELCh color 43, 19.311, 253.167.

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, 19.311, 253.167

Protanopia

43, 16.947, 285.199

Deuteranopia

43, 19.916, 286.852



Tritanopia
43, 15.952, 217.832

Trichromacy



Original Color
43, 19.311, 253.167

Protanomaly
43, 17.105, 271.961

Deuteranomaly
43, 19.332, 275.084

Tritanomaly
43, 16.281, 232.059

Monochromacy



Original Color
43, 19.311, 253.167

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 7.549, 245.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.311, 253.167 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(69, 106, 132)` looks like.

```
.text, #text, p{  
    color:rgb(69, 106, 132)  
}
```

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(69, 106, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 106, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.311, 253.167 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(69, 106, 132) }
```

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

```
.border{ border-color:rgb(69, 106, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 106, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(69, 106,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.311, 253.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 106, 132) }
```

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

```
.background{ background-color: rgb(69, 106,  
132) }
```

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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