

Converting Colors

CIELCh(43, 20.171, 309.723)

Have a look what the booklet for
CIELCh(43, 20.171, 309.723)
contains.

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Color

CIELCh(43, 20.319, 310.219)

Conversions

Conversions Part 1

Format	Color
Hex	6F5F7F
RGB	111, 95, 127
RGB Percent	44%, 37%, 50%
CMY	0.5638, 0.6266, 0.5010
CMYK	0.13, 0.25, 0.00, 0.50
HSL	270°, 14%, 44%
HSV	270°, 25%, 50%
XYZ	14.5432, 13.1578, 21.9326
YIQ	103.4320, -0.7360, 13.3440

Conversions

Conversions Part 2

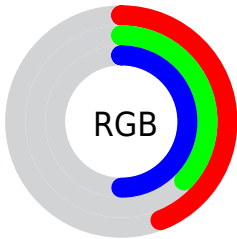
Format	Color
R _Y B	111, 95, 127
Decimal	7298943
CIE Lab	43.00, 13.12, -15.52
CIE LCh	43, 20.319, 310.219
Yxy	13.1578, 0.2930, 0.2651
Android (android.graphics.Color)	4285489023 (0xFF6F5F7F)
YUV	103.4320, 11.6190, 6.6371
Hunter-Lab	36.2736, 8.0875, -10.4578

Details

The CIELCh color $43, 20.319, 310.219$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 19.653, 127.960$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 20.107, 309.935$, and $23, 20.227, 310.158$ is the 20% darker color. If you saturate the color by 10%, you get $39, 28.714, 310.733$, and if you desaturate by 10%, it is $47, 12.085, 309.729$.

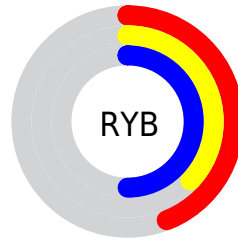
Distribution



Red (44%)

Green (37%)

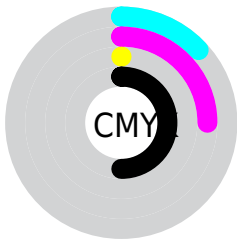
Blue (50%)



Red (44%)

Yellow (37%)

Blue (50%)

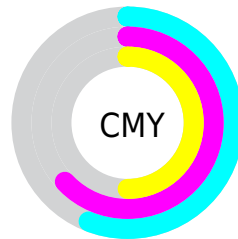


Cyan (13%)

Magenta (25%)

Yellow (0%)

Black (50%)



Cyan (56%)


Magenta (63%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 20.319, 310.219 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, 20.319, 310.219 by changing the saturation by 10% instead.


 43, 20.319,
310.219


 43, 20.319,
310.219


 100, 20.319,
310.219


 33, 20.319,
310.219

 63, 20.319,
310.219


 23, 20.319,
310.219

 73, 20.319,
310.219

 13, 20.319,
310.219

 83, 20.319,
310.219

 3, 20.319, 310.219

 93, 20.319,
310.219

 0, 20.319, 310.219

 43, 20.319,

 43, 20.319,

310.219

39, 28.714,
310.733

35, 37.191,
311.257

31, 45.601,
311.759

28, 53.704,
312.194

24, 61.132,
312.492

22, 67.393,
312.561

19, 72.077,
312.331

18, 74.284,
312.256

310.219

47, 12.085,
309.729

51, 4.059, 309.266

55, 3.741, 128.900

59, 11.309,
128.517

63, 18.648,
128.187

68, 25.765,
127.897

72, 32.671,
127.642

76, 39.374,
127.420

■ 80, 45.887,
127.227

Harmonies

Complementary

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



43, 20.319, 310.219



51, 19.653, 127.960

Rectangle

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



43, 20.319, 310.219



43, 20.319, 0.219



43, 20.319, 130.219



43, 20.319, 180.219

Sweetspot

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



43, 20.318, 310.219



64, 7.844, 309.406



46, 11.022, 259.022



33, 5.628, 309.466



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 20.318, 310.219



53, 30.272, 310.502



45, 22.836, 325.752



25, 4.464, 309.447



18, 74.396, 312.253



0, 0.000, 0.000

Inverse Universe

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



44, 16.258, 345.817



55, 24.133, 346.387



50, 22.827, 142.838



25, 3.593, 344.330



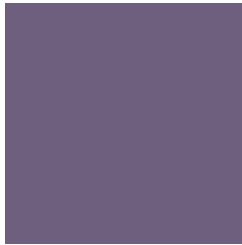
26, 50.837, 0.551



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 20.319, 310.219 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, 20.319, 310.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

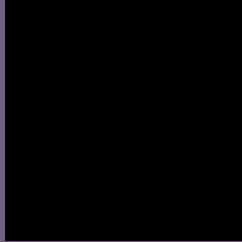
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 20.319, 310.219

Background



This preview shows how black text looks on a background with the CIELCh color 43, 20.319, 310.219.

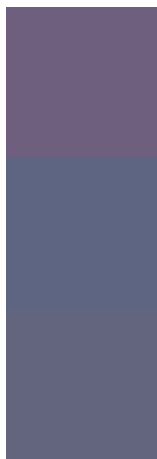


This preview shows how white text looks on a background with the CIELCh color 43, 20.319, 310.219.

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

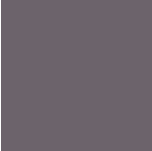
43, 20.319, 310.219

Protanopia

43, 18.140, 284.774

Deuteranopia

43, 15.650, 291.051



Tritanopia
43, 6.095, 328.038

Trichromacy



Original Color
43, 20.319, 310.219

Protanomaly
43, 18.688, 293.951

Deuteranomaly
43, 17.031, 298.898

Tritanomaly
43, 10.643, 315.885

Monochromacy



Original Color
43, 20.319, 310.219

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 7.067, 311.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 20.319, 310.219 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(111, 95, 127)` looks like.

```
.text, #text, p{  
    color:rgb(111, 95, 127)  
}
```

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(111, 95, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 95, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 20.319, 310.219 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(111, 95, 127) }
```

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

```
.border{ border-color:rgb(111, 95, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 95, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 95, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 95, 127); box-shadow:4px 4px 4px 4px rgb(111, 95, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 20.319, 310.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 95, 127) }
```

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

```
.background{ background-color: rgb(111, 95,  
127) }
```

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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