

Converting Colors

CIELCh(43, 19.981, 307.701)

Have a look what the booklet for
CIELCh(43, 19.981, 307.701)
contains.

CIELCh(43, 19.988, 307.031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 19.988, 307.031)

Conversions

Conversions Part 1

Format	Color
Hex	6D6080
RGB	109, 96, 128
RGB Percent	43%, 38%, 50%
CMY	0.5728, 0.6238, 0.4983
CMYK	0.15, 0.25, 0.00, 0.50
HSL	264°, 14%, 44%
HSV	264°, 25%, 50%
XYZ	14.3674, 13.1578, 22.1813
YIQ	103.5350, -2.5240, 12.7080

Conversions

Conversions Part 2

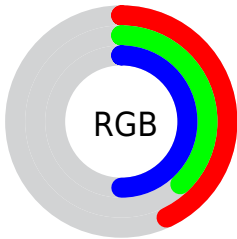
Format	Color
R_{YB}	109, 96, 128
Decimal	7168128
CIE _{Lab}	43.00, 12.04, -15.96
CIE _{LCh}	43, 19.988, 307.031
Yxy	13.1578, 0.2890, 0.2647
Android (android.graphics.Color)	4285358208 (0xFF6D6080)
YUV	103.5350, 12.0612, 4.7928
Hunter-Lab	36.2736, 7.2219, -10.8642

Details

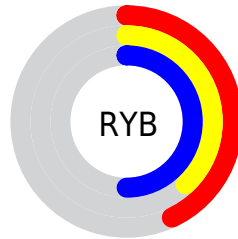
The CIELCh color $43, 19.988, 307.031$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 19.203, 124.527$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 19.783, 306.897$, and $23, 19.915, 306.728$ is the 20% darker color. If you saturate the color by 10%, you get $39, 28.367, 307.643$, and if you desaturate by 10%, it is $47, 11.818, 306.465$.

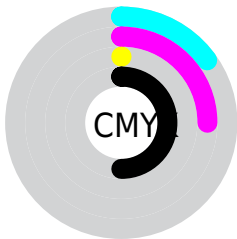
Distribution



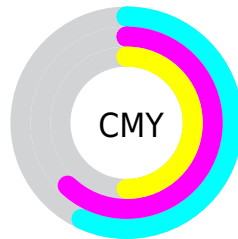
- Red (43%)
- Green (38%)
- Blue (50%)



- Red (43%)
- Yellow (38%)
- Blue (50%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (50%)



- Cyan (57%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 19.988, 307.031 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, 19.988, 307.031 by changing the saturation by 10% instead.

■ 43, 19.988,
307.031

■ 43, 19.988,
307.031

■ 100, 19.988,
307.031

■ 33, 19.988,
307.031

■ 63, 19.988,
307.031

■ 23, 19.988,
307.031

■ 73, 19.988,
307.031

■ 13, 19.988,
307.031

■ 83, 19.988,
307.031

■ 3, 19.988, 307.031

■ 93, 19.988,
307.031

■ 0, 19.988, 307.031

■ 43, 19.988,

■ 43, 19.988,

307.031

307.031

■ 39, 28.367,
307.643

■ 47, 11.818,
306.465

■ 35, 36.897,
308.290

■ 51, 3.887, 305.946

■ 31, 45.457,
308.944

■ 56, 3.798, 125.524

■ 27, 53.828,
309.557

■ 60, 11.238,
125.111

■ 23, 61.649,
310.055

■ 64, 18.443,
124.756

■ 20, 68.390,
310.328

■ 68, 25.422,
124.447

■ 18, 73.533,
310.283

■ 72, 32.188,
124.179

■ 17, 76.039,
310.314

■ 76, 38.752,
123.948

■ 80, 45.126,
123.748

Harmonies

Complementary

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



43, 19.988, 307.031



52, 19.203, 124.527

Rectangle

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



43, 19.988, 307.031



43, 19.988, 357.031



43, 19.988, 127.031



43, 19.988, 177.031

Sweetspot

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



43, 19.987, 307.030



64, 7.705, 306.107



47, 10.195, 247.029



33, 5.530, 306.175



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, 19.987, 307.030



52, 29.868, 307.373



45, 22.183, 322.873



25, 4.386, 306.154



17, 75.850, 310.317



0, 0.000, 0.000

Inverse Universe

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



44, 17.248, 340.852



55, 25.602, 341.359



51, 22.067, 140.332



25, 3.833, 339.543



27, 52.424, 352.358



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 19.988, 307.031 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, 19.988, 307.031 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, 19.988, 307.031

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.988, 307.031.



This preview shows how white text looks on a background with the CIELCh color 43, 19.988, 307.031.

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, 19.988, 307.031

Protanopia

43, 18.729, 286.240

Deuteranopia

43, 16.256, 289.895



Tritanopia
43, 5.427, 317.568

Trichromacy



Original Color
43, 19.988, 307.031

Protanomaly
43, 18.680, 292.834

Deuteranomaly
43, 16.930, 296.360

Tritanomaly
43, 10.190, 309.663

Monochromacy



Original Color
43, 19.988, 307.031

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 7.526, 306.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.988, 307.031 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(109, 96, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 96, 128)  
}
```

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(109, 96, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 96, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.988, 307.031 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(109, 96, 128) }
```

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

```
.border{ border-color:rgb(109, 96, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 96, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 96, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 96, 128);  
box-shadow:4px 4px 4px 4px rgb(109, 96,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.988, 307.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 96, 128) }
```

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

```
.background{ background-color: rgb(109, 96,  
128) }
```

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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