

Converting Colors

CIELCh(43, 62.285, 311.928)

Have a look what the booklet for
CIELCh(43, 62.285, 311.928)
contains.

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Color

CIELCh(43, 62.255, 311.922)

Conversions

Conversions Part 1

Format	Color
Hex	804DB3
RGB	128, 77, 179
RGB Percent	50%, 30%, 70%
CMY	0.4979, 0.6979, 0.2979
CMYK	0.28, 0.57, 0.00, 0.30
HSL	270°, 40%, 50%
HSV	270°, 57%, 70%
XYZ	19.7007, 13.1578, 44.1625
YIQ	103.8770, -2.3460, 42.5340

Conversions

Conversions Part 2

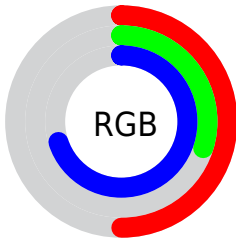
Format	Color
R _{YB}	128, 77, 179
Decimal	8408499
CIE Lab	43.00, 41.59, -46.32
CIE LCh	43, 62.255, 311.922
Yxy	13.1578, 0.2558, 0.1708
Android (android.graphics.Color)	4286598579 (0xFF804DB3)
YUV	103.8770, 37.0356, 21.1559
Hunter-Lab	36.2736, 33.4668, -46.7930

Details

The CIELCh color $43, 62.255, 311.922$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $68, 57.208, 126.537$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 62.010, 311.826$, and $23, 62.019, 311.854$ is the 20% darker color. If you saturate the color by 10%, you get $38, 72.704, 312.328$, and if you desaturate by 10%, it is $48, 51.231, 311.422$.

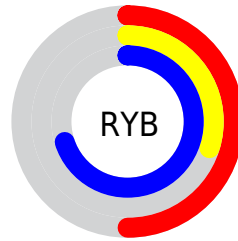
Distribution



Red (50%)

Green (30%)

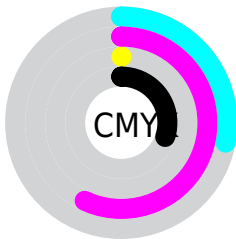
Blue (70%)



Red (50%)

Yellow (30%)

Blue (70%)

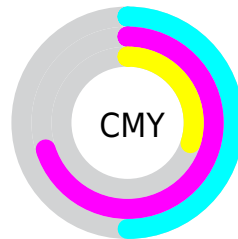


Cyan (28%)

Magenta (57%)

Yellow (0%)

Black (30%)



Cyan (50%)


Magenta (70%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 62.255, 311.922 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, 62.255, 311.922 by changing the saturation by 10% instead.


 43, 62.255,
311.922


 43, 62.255,
311.922


 100, 62.255,
311.922


 33, 62.255,
311.922

 63, 62.255,
311.922


 23, 62.255,
311.922

 73, 62.255,
311.922

 13, 62.255,
311.922

 83, 62.255,
311.922

 3, 62.255, 311.922

 93, 62.255,
311.922

 0, 62.255, 311.922

 43, 62.255,

 43, 62.255,

311.922

■ 38, 72.704,
312.328

■ 34, 81.997,
312.554

■ 31, 89.398,
312.492

■ 29, 94.342,
312.060

■ 28, 95.665,
311.924

311.922

■ 48, 51.231,
311.422

■ 53, 40.028,
310.886

■ 58, 28.887,
310.351

■ 64, 17.945,
309.840

■ 69, 7.274, 309.359

■ 75, 3.093, 128.980

■ 80, 13.145,
128.568

■ 85, 22.885,
128.222

■ 91, 32.321,
127.920

Harmonies

Complementary

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



43, 62.255, 311.922



68, 57.208, 126.537

Rectangle

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



43, 62.255, 311.922



43, 62.255, 1.922



43, 62.255, 131.922



43, 62.255, 181.922

Sweetspot

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



43, 62.254, 311.922



81, 22.199, 309.856



52, 32.158, 266.805



42, 15.008, 309.954



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



43, 62.254, 311.922



49, 90.881, 312.396



50, 65.359, 327.304



35, 5.909, 309.470



23, 85.089, 312.064



1, 13.840, 305.234

Inverse Universe

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



48, 47.715, 350.037



56, 67.547, 352.354



65, 65.920, 139.642



35, 4.756, 344.374



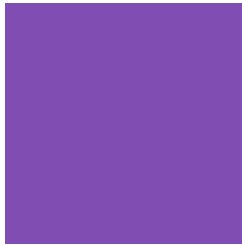
32, 57.950, 1.319



2, 10.605, 349.864

Previews

White Background



This preview shows how the CIELCh color 43, 62.255, 311.922 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, 62.255, 311.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

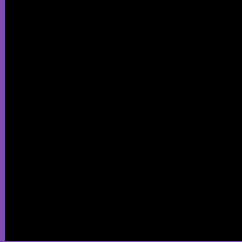
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 62.255, 311.922

Background



This preview shows how black text looks on a background with the CIELCh color 43, 62.255, 311.922.

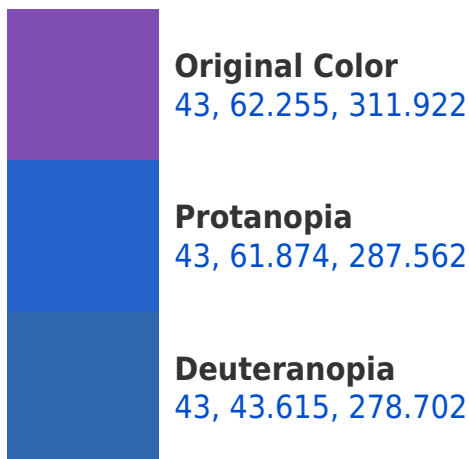



This preview shows how white text looks on a background with the CIELCh color 43, 62.255, 311.922.

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





Tritanopia
43, 8.259, 349.972

Trichromacy



Original Color
43, 62.255, 311.922

Protanomaly
42, 61.820, 294.058

Deuteranomaly
42, 49.308, 291.871

Tritanomaly
43, 27.081, 317.255

Monochromacy



Original Color
43, 62.255, 311.922

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 23.502, 310.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 62.255, 311.922 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(128, 77, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 77, 179)  
}
```

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(128, 77, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 77, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 62.255, 311.922 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(128, 77, 179) }
```

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

```
.border{ border-color:rgb(128, 77, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 77, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 77, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 77, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 77,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 62.255, 311.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 77, 179) }
```

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

```
.background{ background-color: rgb(128, 77,  
179) }
```

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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