

Converting Colors

CIELCh(43, 30.560, 303.490)

Have a look what the booklet for
CIELCh(43, 30.560, 303.490)
contains.

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Color

CIELCh(43, 30.615, 303.492)

Conversions

Conversions Part 1

Format	Color
Hex	6C5E90
RGB	108, 94, 144
RGB Percent	42%, 37%, 56%
CMY	0.5772, 0.6321, 0.4361
CMYK	0.25, 0.35, 0.00, 0.44
HSL	257°, 21%, 47%
HSV	257°, 35%, 56%
XYZ	15.1676, 13.1578, 28.0481
YIQ	103.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

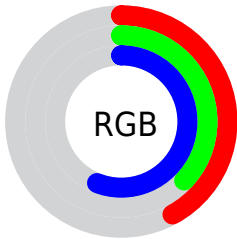
Format	Color
R_{YB}	108, 94, 144
Decimal	7102096
CIE _{Lab}	43.00, 16.89, -25.53
CIE _{LCh}	43, 30.615, 303.492
Yxy	13.1578, 0.2691, 0.2334
Android (android.graphics.Color)	4285292176 (0xFF6C5E90)
YUV	103.8860, 19.7762, 3.6080
Hunter-Lab	36.2736, 11.1601, -20.4537

Details

The CIELCh color $43, 30.615, 303.492$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57, 28.523, 119.024$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 30.873, 303.489$, and $23, 30.269, 303.443$ is the 20% darker color. If you saturate the color by 10%, you get $38, 40.042, 304.384$, and if you desaturate by 10%, it is $48, 21.440, 302.680$.

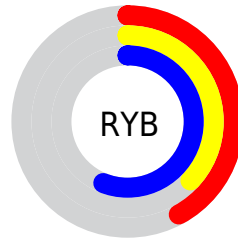
Distribution



Red (42%)

Green (37%)

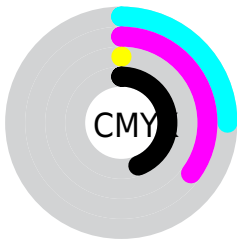
Blue (56%)



Red (42%)

Yellow (37%)

Blue (56%)

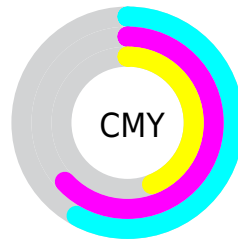


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (58%)


Magenta (63%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 30.615, 303.492 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, 30.615, 303.492 by changing the saturation by 10% instead.


 43, 30.615,
303.492


 43, 30.615,
303.492


 100, 30.615,
303.492

 33, 30.615,
303.492

 63, 30.615,
303.492


 23, 30.615,
303.492

 73, 30.615,
303.492

 13, 30.615,
303.492

 83, 30.615,
303.492

 3, 30.615, 303.492

 93, 30.615,
303.492

 0, 30.615, 303.492

 43, 30.615,

 43, 30.615,

303.492

■ 38, 40.042,
304.384

■ 34, 49.622,
305.333

■ 29, 59.140,
306.291

■ 25, 68.187,
307.166

■ 22, 76.092,
307.818

■ 19, 82.020,
308.087

■ 18, 84.844,
308.250

303.492

■ 48, 21.440,
302.680

■ 53, 12.560,
301.955

■ 57, 3.983, 301.311

■ 62, 4.297, 120.769

■ 67, 12.291,
120.279

■ 72, 20.015,
119.858

■ 76, 27.484,
119.494

■ 81, 34.715,
119.181

■ 86, 41.721,
118.911

Harmonies

Complementary

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



43, 30.615, 303.492



57, 28.523, 119.024

Rectangle

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



43, 30.615, 303.492



43, 30.615, 353.492



43, 30.615, 123.492



43, 30.615, 173.492

Sweetspot

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



43, 30.614, 303.492



70, 10.424, 301.653



52, 14.658, 230.387



36, 7.183, 301.735



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 30.614, 303.492



51, 46.252, 304.210



45, 32.901, 319.269



28, 4.732, 301.587



16, 81.046, 308.302



0, 3.150, 301.043

Inverse Universe

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



46, 28.715, 335.898



56, 42.544, 336.541



56, 32.306, 136.053



28, 4.611, 334.048



29, 58.627, 342.930



1, 3.092, 333.484

Previews

White Background



This preview shows how the CIELCh color 43, 30.615, 303.492 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, 30.615, 303.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

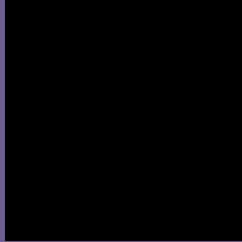
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 30.615, 303.492

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.615, 303.492.

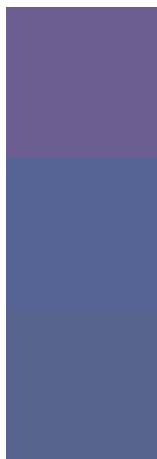


This preview shows how white text looks on a background with the CIELCh color 43, 30.615, 303.492.

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, 30.615, 303.492

Protanopia

43, 29.651, 284.965

Deuteranopia

43, 25.482, 283.946



Tritanopia
43, 4.818, 290.885

Trichromacy



Original Color
43, 30.615, 303.492

Protanomaly
43, 29.488, 291.077

Deuteranomaly
43, 27.090, 291.824

Tritanomaly
43, 14.647, 299.729

Monochromacy



Original Color
43, 30.615, 303.492

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 11.041, 301.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.615, 303.492 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(108, 94, 144)` looks like.

```
.text, #text, p{  
    color:rgb(108, 94, 144)  
}
```

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(108, 94, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 94, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.615, 303.492 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(108, 94, 144) }
```

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

```
.border{ border-color:rgb(108, 94, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 94, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 94, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 94, 144);  
box-shadow:4px 4px 4px 4px rgb(108, 94,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.615, 303.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 94, 144) }
```

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

```
.background{ background-color: rgb(108, 94,  
144) }
```

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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