

Converting Colors

CIELCh(43, 18.831, 281.341)

Have a look what the booklet for
CIELCh(43, 18.831, 281.341)
contains.

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Color

CIELCh(43, 18.925, 280.983)

Conversions

Conversions Part 1

Format	Color
Hex	5A6584
RGB	90, 101, 132
RGB Percent	35%, 40%, 52%
CMY	0.6469, 0.6038, 0.4822
CMYK	0.32, 0.23, 0.00, 0.48
HSL	224°, 19%, 44%
HSV	224°, 32%, 52%
XYZ	13.0456, 13.1578, 23.6970
YIQ	101.2450, -16.5070, 7.3090

Conversions

Conversions Part 2

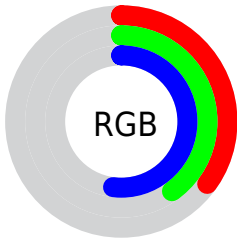
Format	Color
R_{YB}	90, 99, 132
Decimal	5924228
CIE _{Lab}	43.00, 3.61, -18.58
CIE _{LCh}	43, 18.925, 280.983
Yxy	13.1578, 0.2614, 0.2637
Android (android.graphics.Color)	4284114308 (0xFF5A6584)
YUV	101.2450, 15.1622, -9.8619
Hunter-Lab	36.2736, 0.7174, -13.3418

Details

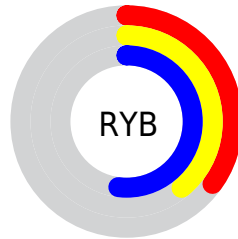
The CIELCh color $43, 18.925, 280.983$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 18.582, 92.649$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 18.737, 280.512$, and $23, 18.977, 281.300$ is the 20% darker color. If you saturate the color by 10%, you get $39, 25.183, 282.919$, and if you desaturate by 10%, it is $47, 12.823, 279.316$.

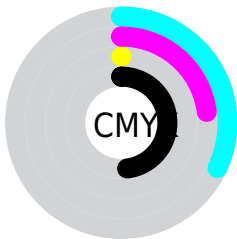
Distribution



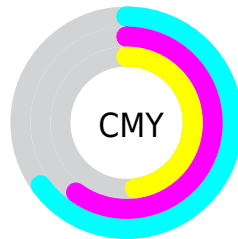
- Red (35%)
- Green (40%)
- Blue (52%)



- Red (35%)
- Yellow (39%)
- Blue (52%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)





- Cyan (65%)
- Magenta (60%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.925, 280.983 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, 18.925, 280.983 by changing the saturation by 10% instead.


 43, 18.925,
280.983


 43, 18.925,
280.983


 100, 18.925,
280.983


 33, 18.925,
280.983

 63, 18.925,
280.983


 23, 18.925,
280.983

 73, 18.925,
280.983

 13, 18.925,
280.983


 83, 18.925,
280.983

 3, 18.925, 280.983

 93, 18.925,
280.983

 0, 18.925, 280.983

 43, 18.925,

 43, 18.925,

280.983

280.983

■ 39, 25.183,
282.919

■ 47, 12.823,
279.316

■ 35, 31.619,
285.158

■ 51, 6.867, 277.889

■ 32, 38.251,
287.717

■ 54, 1.046, 276.766

■ 58, 4.646, 95.524

■ 28, 45.088,
290.578

■ 62, 10.214, 94.605

■ 25, 52.099,
293.671

■ 66, 15.662, 93.790

■ 70, 20.992, 93.070

■ 22, 59.151,
296.847

■ 73, 26.208, 92.430

■ 19, 64.801,
299.210

■ 77, 31.313, 91.859

Harmonies

Complementary

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



43, 18.925, 280.983



51, 18.582, 92.649

Rectangle

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



43, 18.925, 280.983



43, 18.925, 330.983



43, 18.925, 100.983



43, 18.925, 150.983

Sweetspot

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



43, 18.924, 280.982



65, 7.166, 277.684



52, 17.172, 175.312



34, 4.933, 277.839



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, 18.924, 280.982



52, 28.148, 282.315



41, 25.890, 301.664



26, 3.282, 277.546



19, 63.997, 299.161



0, 0.779, 276.427

Inverse Universe

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



43, 18.997, 2.104



52, 28.279, 3.154



53, 24.220, 117.290



26, 3.235, 359.422



26, 53.656, 22.615



0, 0.760, 358.651

Previews

White Background



This preview shows how the CIELCh color 43, 18.925, 280.983 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, 18.925, 280.983 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

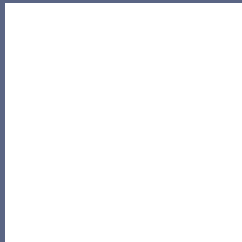
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 18.925, 280.983

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.925, 280.983.

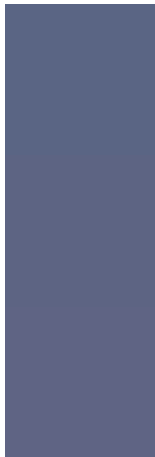


This preview shows how white text looks on a background with the CIELCh color 43, 18.925, 280.983.

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

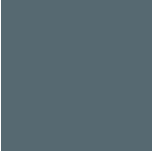
43, 18.925, 280.983

Protanopia

43, 18.763, 285.174

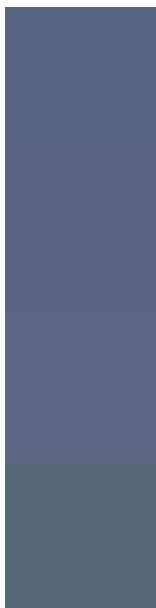
Deuteranopia

43, 19.295, 287.591



Tritanopia
43, 8.552, 233.117

Trichromacy



Original Color
43, 18.925, 280.983

Protanomaly
43, 18.803, 284.119

Deuteranomaly
43, 19.355, 285.525

Tritanomaly
43, 11.306, 257.705

Monochromacy



Original Color
43, 18.925, 280.983

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.777, 277.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.925, 280.983 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(90, 101, 132)` looks like.

```
.text, #text, p{  
    color:rgb(90, 101, 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(90, 101, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 101, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.925, 280.983 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(90, 101, 132) }
```

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

```
.border{ border-color:rgb(90, 101, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 101, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 101, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 101, 132);  
box-shadow:4px 4px 4px 4px rgb(90, 101,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.925, 280.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 101, 132) }
```

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

```
.background{ background-color: rgb(90, 101,  
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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