

Converting Colors

CIELCh(43, 21.826, 275.189)

Have a look what the booklet for
CIELCh(43, 21.826, 275.189)
contains.

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Color

CIELCh(43, 21.826, 275.189)

Conversions

Conversions Part 1

Format	Color
Hex	526689
RGB	82, 102, 137
RGB Percent	32%, 40%, 54%
CMY	0.6776, 0.5992, 0.4619
CMYK	0.40, 0.26, 0.00, 0.46
HSL	218°, 25%, 43%
HSV	218°, 40%, 54%
XYZ	12.7995, 13.1578, 25.6127
YIQ	100.0100, -23.1550, 6.6450

Conversions

Conversions Part 2

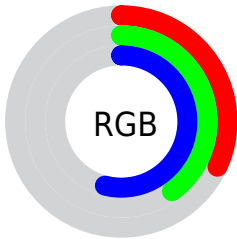
Format	Color
R_{YB}	82, 97, 137
Decimal	5400201
CIE _{Lab}	43.00, 1.97, -21.74
CIE _{LCh}	43, 21.826, 275.189
Yxy	13.1578, 0.2482, 0.2551
Android (android.graphics.Color)	4283590281 (0xFF526689)
YUV	100.0100, 18.2361, -15.7948
Hunter-Lab	36.2736, -0.4932, -16.4730

Details

The CIELCh color **43, 21.826, 275.189** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **50, 22.336, 83.526**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 22.039, 274.891**, and **23, 22.066, 276.241** is the 20% darker color. If you saturate the color by 10%, you get **40, 27.436, 277.540**, and if you desaturate by 10%, it is **47, 16.288, 273.168**.

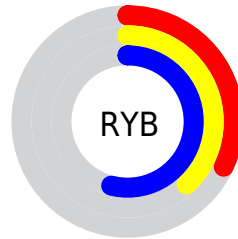
Distribution



Red (32%)

Green (40%)

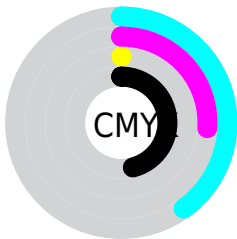
Blue (54%)



Red (32%)

Yellow (38%)

Blue (54%)

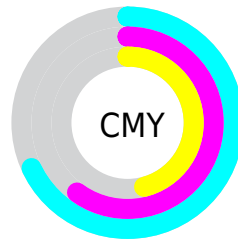


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (46%)



Cyan (68%)


Magenta (60%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 21.826, 275.189 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, 21.826, 275.189 by changing the saturation by 10% instead.


 43, 21.826,
275.189


 43, 21.826,
275.189


 100, 21.826,
275.189


 33, 21.826,
275.189

 63, 21.826,
275.189


 23, 21.826,
275.189

 73, 21.826,
275.189

 13, 21.826,
275.189

 83, 21.826,
275.189

 3, 21.826, 275.189

 93, 21.826,
275.189

 0, 21.826, 275.189

 43, 21.826,

 43, 21.826,

275.189

275.189

■ 40, 27.436,
277.540

■ 47, 16.288,
273.168

■ 36, 33.139,
280.253

■ 50, 10.814,
271.438

■ 33, 38.961,
283.335

■ 54, 5.403, 269.967

■ 30, 44.929,
286.746

■ 57, 0.053, 272.371

■ 61, 5.231, 87.495

■ 27, 51.048,
290.382

■ 64, 10.446, 86.545

■ 24, 57.231,
293.859

■ 68, 15.589, 85.702

■ 71, 20.658, 84.955

■ 75, 25.651, 84.291

Harmonies

Complementary

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



43, 21.826, 275.189



50, 22.336, 83.526

Rectangle

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



43, 21.826, 275.189



43, 21.826, 325.189



43, 21.826, 95.189



43, 21.826, 145.189

Sweetspot

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



43, 21.825, 275.188



67, 7.975, 270.265



53, 23.681, 167.517



34, 5.272, 270.417



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 21.825, 275.188



52, 32.570, 277.280



38, 34.019, 299.350



27, 3.029, 269.843



23, 55.637, 293.728



0, 1.400, 268.641

Inverse Universe

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



42, 25.838, 356.162



50, 38.338, 357.614



55, 30.919, 112.442



27, 3.518, 352.472



27, 52.398, 13.538



0, 1.608, 351.709

Previews

White Background



This preview shows how the CIE LCh color 43, 21.826, 275.189 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 CIE LCh color 43, 21.826, 275.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

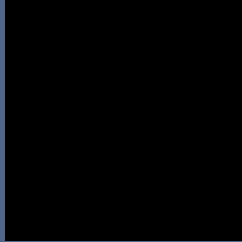
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

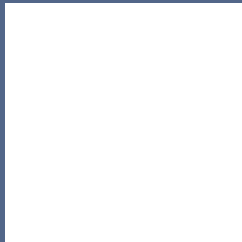
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 21.826, 275.189

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.826, 275.189.

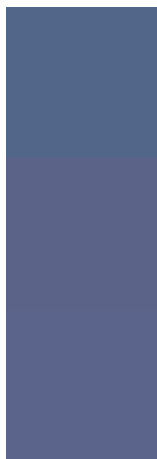


This preview shows how white text looks on a background with the CIELCh color 43, 21.826, 275.189.

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, 21.826, 275.189

Protanopia

43, 21.794, 285.001

Deuteranopia

43, 22.974, 285.659



Tritanopia
43, 12.041, 225.217

Trichromacy



Original Color
43, 21.826, 275.189

Protanomaly
43, 21.366, 281.055

Deuteranomaly
43, 22.527, 281.955

Tritanomaly
43, 14.149, 249.007

Monochromacy



Original Color
43, 21.826, 275.189

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 8.223, 272.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.826, 275.189 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(82, 102, 137)` looks like.

```
.text, #text, p{  
    color:rgb(82, 102, 137)  
}
```

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(82, 102, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 102, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.826, 275.189 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(82, 102, 137) }
```

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

```
.border{ border-color:rgb(82, 102, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 102, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 102, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 102, 137);  
box-shadow:4px 4px 4px 4px rgb(82, 102,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.826, 275.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 102, 137) }
```

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

```
.background{ background-color: rgb(82, 102,  
137) }
```

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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