

Converting Colors

CIELCh(43, 21.176, 279.871)

Have a look what the booklet for
CIELCh(43, 21.176, 279.871)
contains.

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Color

CIELCh(43, 21.425, 280.192)

Conversions

Conversions Part 1

Format	Color
Hex	576588
RGB	87, 101, 136
RGB Percent	34%, 40%, 53%
CMY	0.6581, 0.6032, 0.4660
CMYK	0.36, 0.26, 0.00, 0.47
HSL	223°, 22%, 44%
HSV	223°, 36%, 53%
XYZ	13.0737, 13.1578, 25.2106
YIQ	100.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

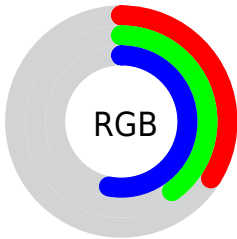
Format	Color
R_{YB}	87, 98, 136
Decimal	5727624
CIE Lab	43.00, 3.79, -21.09
CIE LCh	43, 21.425, 280.192
Yxy	13.1578, 0.2541, 0.2558
Android (android.graphics.Color)	4283917704 (0xFF576588)
YUV	100.8040, 17.3516, -12.1061
Hunter-Lab	36.2736, 0.8561, -15.8156

Details

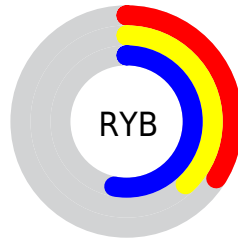
The CIELCh color **43, 21.425, 280.192** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **52, 21.151, 90.370**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 21.087, 279.437**, and **23, 21.123, 279.004** is the 20% darker color. If you saturate the color by 10%, you get **39, 27.690, 282.295**, and if you desaturate by 10%, it is **47, 15.305, 278.381**.

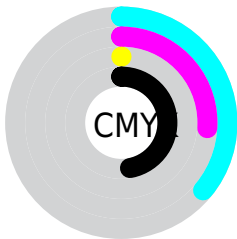
Distribution



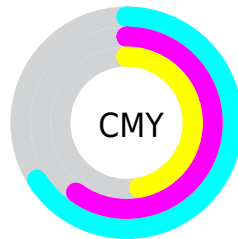
- Red (34%)
- Green (40%)
- Blue (53%)



- Red (34%)
- Yellow (38%)
- Blue (53%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)





- Cyan (66%)
- Magenta (60%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.425, 280.192 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, 21.425, 280.192 by changing the saturation by 10% instead.


 43, 21.425,
280.192


 43, 21.425,
280.192


 100, 21.425,
280.192


 33, 21.425,
280.192

 63, 21.425,
280.192


 23, 21.425,
280.192

 73, 21.425,
280.192

 13, 21.425,
280.192

 83, 21.425,
280.192

 3, 21.425, 280.192

 93, 21.425,
280.192

 0, 21.425, 280.192

 43, 21.425,

 43, 21.425,

280.192

■ 39, 27.690,
282.295

■ 35, 34.124,
284.720

■ 32, 40.745,
287.476

■ 28, 47.562,
290.530

■ 25, 54.533,
293.785

■ 22, 61.513,
297.037

■ 21, 64.280,
298.197

280.192

■ 47, 15.305,
278.381

■ 51, 9.320, 276.828

■ 54, 3.458, 275.514

■ 58, 2.285, 94.238

■ 62, 7.913, 93.277

■ 66, 13.428, 92.403

■ 70, 18.833, 91.630

■ 73, 24.130, 90.945

■ 77, 29.320, 90.335

Harmonies

Complementary

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



43, 21.425, 280.192



52, 21.151, 90.370

Rectangle

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



43, 21.425, 280.192



43, 21.425, 330.192



43, 21.425, 100.192



43, 21.425, 150.192

Sweetspot

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



43, 21.424, 280.191



67, 7.869, 276.173



53, 20.229, 172.457



34, 5.335, 276.327



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, 21.424, 280.191



52, 31.843, 281.836



40, 30.204, 300.983



27, 3.298, 275.903



20, 62.887, 298.109



0, 1.519, 274.757

Inverse Universe

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



43, 22.334, 1.007



52, 33.128, 2.285



55, 27.889, 115.616



27, 3.376, 357.740



27, 53.835, 20.668



0, 1.539, 356.962

Previews

White Background



This preview shows how the CIE LCh color 43, 21.425, 280.192 looks on a white background.

Color Contrast Check

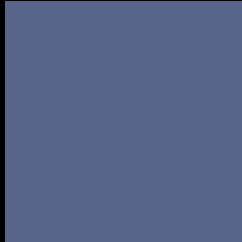
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.425, 280.192 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

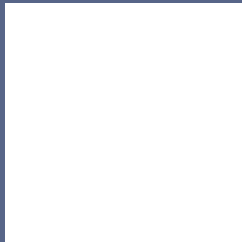
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 21.425, 280.192

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.425, 280.192.

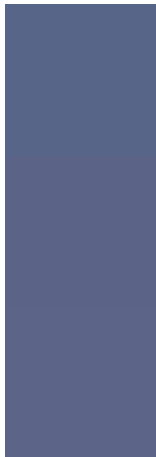


This preview shows how white text looks on a background with the CIELCh color 43, 21.425, 280.192.

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, 21.425, 280.192

Protanopia

43, 21.204, 284.651

Deuteranopia

43, 21.758, 285.884



Tritanopia
43, 10.007, 231.534

Trichromacy



Original Color
43, 21.425, 280.192

Protanomaly
43, 21.247, 283.749

Deuteranomaly
43, 21.835, 284.127

Tritanomaly
43, 12.807, 257.095

Monochromacy



Original Color
43, 21.425, 280.192

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 8.024, 277.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.425, 280.192 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(87, 101, 136)` looks like.

```
.text, #text, p{  
    color:rgb(87, 101, 136)  
}
```

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(87, 101, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 101, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.425, 280.192 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(87, 101, 136) }
```

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

```
.border{ border-color:rgb(87, 101, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 101, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 101, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 101, 136);  
box-shadow:4px 4px 4px 4px rgb(87, 101,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.425, 280.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 101, 136) }
```

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

```
.background{ background-color: rgb(87, 101,  
136) }
```

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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