

Converting Colors

CIELCh(43, 21.139, 237.083)

Have a look what the booklet for
CIELCh(43, 21.139, 237.083)
contains.

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Color

CIELCh(43, 21.139, 237.083)

Conversions

Conversions Part 1

Format	Color
Hex	346C82
RGB	52, 108, 130
RGB Percent	20%, 42%, 51%
CMY	0.7946, 0.5751, 0.4888
CMYK	0.60, 0.17, 0.00, 0.49
HSL	197°, 43%, 36%
HSV	197°, 60%, 51%
XYZ	10.8867, 13.1578, 23.2082
YIQ	93.7640, -40.4380, -5.0300

Conversions

Conversions Part 2

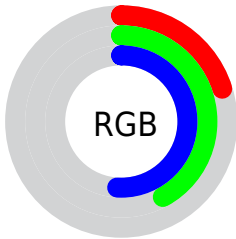
Format	Color
RYB	52, 85, 130
Decimal	3435650
CIELab	43.00, -11.49, -17.75
CIElCh	43, 21.139, 237.083
Yxy	13.1578, 0.2304, 0.2785
Android (android.graphics.Color)	4281625730 (0xFF346C82)
YUV	93.7640, 17.8643, -36.6270
Hunter-Lab	36.2736, -9.9060, -12.5427

Details

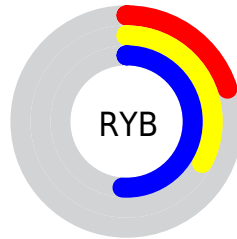
The CIELCh color **43, 21.139, 237.083** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 31.643, 47.316**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 21.134, 238.079**, and **23, 19.449, 241.285** is the 20% darker color. If you saturate the color by 10%, you get **41, 23.506, 239.729**, and if you desaturate by 10%, it is **45, 18.379, 234.953**.

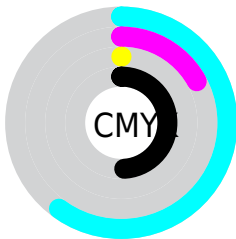
Distribution



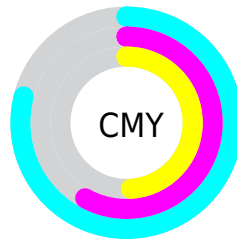
- Red (20%)
- Green (42%)
- Blue (51%)



- Red (20%)
- Yellow (33%)
- Blue (51%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (49%)




- Cyan (79%)
- Magenta (58%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 21.139, 237.083 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, 21.139, 237.083 by changing the saturation by 10% instead.


 43, 21.139,
237.083


 43, 21.139,
237.083


 100, 21.139,
237.083


 33, 21.139,
237.083

 63, 21.139,
237.083


 23, 21.139,
237.083

 73, 21.139,
237.083

 13, 21.139,
237.083

 83, 21.139,
237.083

 3, 21.139, 237.083

 93, 21.139,
237.083

 0, 21.139, 237.083

 43, 21.139,

 43, 21.139,

237.083

■ 41, 23.506,
239.729

■ 40, 25.487,
242.970

■ 38, 27.128,
246.853

■ 37, 28.624,
251.081

■ 37, 28.653,
251.156

237.083

■ 45, 18.379,
234.953

■ 47, 15.249,
233.259

■ 48, 11.791,
231.923

■ 50, 8.052, 230.879

■ 52, 4.081, 230.095

■ 55, 0.076, 44.420

■ 57, 4.378, 48.764

■ 59, 8.789, 48.415

■ 61, 13.281, 48.127

Harmonies

Complementary

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



43, 21.139, 237.083



38, 31.643, 47.316

Rectangle

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



43, 21.139, 237.083



43, 21.139, 287.083



43, 21.139, 57.083



43, 21.139, 107.083

Sweetspot

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



43, 21.138, 237.082



64, 9.045, 230.753



49, 44.303, 147.294



33, 6.218, 230.979



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 21.138, 237.082



52, 29.291, 240.886



31, 37.975, 288.847



27, 2.382, 230.053



37, 28.603, 251.144



0, 0.581, 229.382

Inverse Universe

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



35, 43.710, 338.082



41, 61.272, 339.482



48, 35.301, 91.167



26, 4.327, 334.135



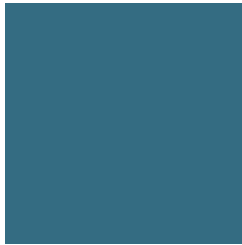
28, 56.967, 343.022



0, 1.029, 333.578

Previews

White Background



This preview shows how the CIELCh color 43, 21.139, 237.083 looks on a white background.

Color Contrast Check

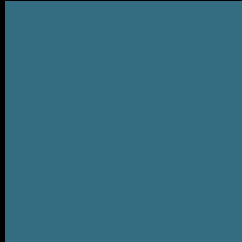
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.139, 237.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

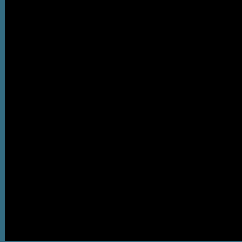
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 21.139, 237.083

Background



This preview shows how black text looks on a background with the CIELCh color 43, 21.139, 237.083.

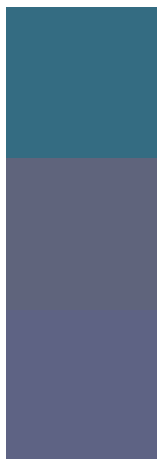


This preview shows how white text looks on a background with the CIELCh color 43, 21.139, 237.083.

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, 21.139, 237.083

Protanopia

43, 14.534, 284.927

Deuteranopia

43, 19.924, 287.885



Tritanopia
43, 20.470, 212.801

Trichromacy



Original Color
43, 21.139, 237.083

Protanomaly
43, 15.747, 261.181

Deuteranomaly
42, 18.849, 267.959

Tritanomaly
43, 20.251, 222.371

Monochromacy



Original Color
43, 21.139, 237.083

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 8.905, 231.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 21.139, 237.083 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(52, 108, 130)` looks like.

```
.text, #text, p{  
    color:rgb(52, 108, 130)  
}
```

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(52, 108, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 108, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 21.139, 237.083 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(52, 108, 130) }
```

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

```
.border{ border-color:rgb(52, 108, 130) }
```

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

Here you see how a box with a 4 pixel rgb(52, 108, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 108, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 108, 130);  
box-shadow:4px 4px 4px 4px rgb(52, 108,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 21.139, 237.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 108, 130) }
```

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

```
.background{ background-color: rgb(52, 108,  
130) }
```

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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