

Converting Colors

CIELCh(43, 16.989, 232.844)

Have a look what the booklet for
CIELCh(43, 16.989, 232.844)
contains.

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Color

CIELCh(43, 16.991, 232.903)

Conversions

Conversions Part 1

Format	Color
Hex	406B7B
RGB	64, 107, 123
RGB Percent	25%, 42%, 48%
CMY	0.7472, 0.5786, 0.5158
CMYK	0.48, 0.13, 0.00, 0.52
HSL	196°, 31%, 37%
HSV	196°, 48%, 48%
XYZ	11.0542, 13.1578, 20.8493
YIQ	95.9670, -30.7640, -4.1400

Conversions

Conversions Part 2

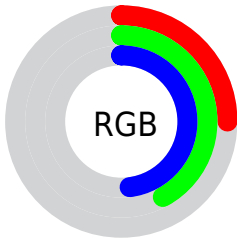
Format	Color
RYB	64, 89, 123
Decimal	4221819
CIELab	43.00, -10.25, -13.55
CIElCh	43, 16.991, 232.903
Yxy	13.1578, 0.2453, 0.2920
Android (android.graphics.Color)	4282411899 (0xFF406B7B)
YUV	95.9670, 13.3273, -28.0351
Hunter-Lab	36.2736, -9.0817, -8.6871

Details

The CIELCh color **43, 16.991, 232.903** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 23.216, 46.345**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 16.968, 232.742**, and **23, 16.939, 231.252** is the 20% darker color. If you saturate the color by 10%, you get **41, 19.682, 234.829**, and if you desaturate by 10%, it is **45, 13.944, 231.376**.

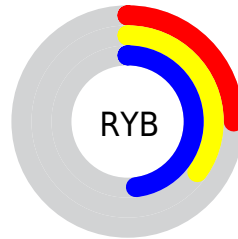
Distribution



Red (25%)

Green (42%)

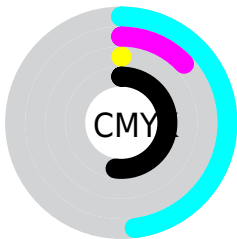
Blue (48%)



Red (25%)

Yellow (35%)

Blue (48%)

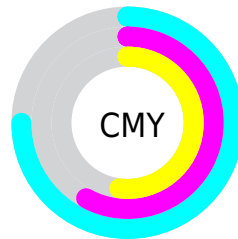


Cyan (48%)

Magenta (13%)

Yellow (0%)

Black (52%)



Cyan (75%)


Magenta (58%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.991, 232.903 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, 16.991, 232.903 by changing the saturation by 10% instead.


 43, 16.991,
232.903


 43, 16.991,
232.903


 100, 16.991,
232.903


 33, 16.991,
232.903

 63, 16.991,
232.903


 23, 16.991,
232.903

 73, 16.991,
232.903

 13, 16.991,
232.903

 83, 16.991,
232.903

 3, 16.991, 232.903

 93, 16.991,
232.903

 0, 16.991, 232.903

 43, 16.991,

 43, 16.991,

232.903

232.903

■ 41, 19.682,
234.829

■ 45, 13.944,
231.376

■ 40, 21.990,
237.239

■ 47, 10.584,
230.181

■ 38, 23.909,
240.214

■ 48, 6.959, 229.258

■ 37, 25.471,
243.812

■ 50, 3.117, 228.590

■ 52, 0.899, 47.502

■ 36, 26.816,
247.875

■ 54, 5.050, 47.399

■ 35, 27.127,
248.741

■ 56, 9.302, 47.100

■ 58, 13.627, 46.862

■ 61, 18.004, 46.681

Harmonies

Complementary

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



43, 16.991, 232.903



39, 23.216, 46.345

Rectangle

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



43, 16.991, 232.903



43, 16.991, 282.903



43, 16.991, 52.903



43, 16.991, 102.903

Sweetspot

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



43, 16.991, 232.901



63, 6.850, 228.996



47, 34.505, 148.866



32, 4.746, 229.130



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 16.991, 232.901



53, 24.015, 234.957



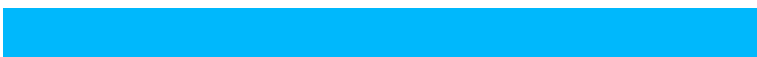
34, 28.486, 285.897



25, 2.232, 228.657



36, 27.372, 248.806



70, 46.937, 251.624

Inverse Universe

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



36, 34.604, 336.513



44, 50.026, 337.411



47, 27.154, 92.714



24, 4.078, 333.693



27, 55.788, 342.210



56, 93.019, 343.193

Previews

White Background



This preview shows how the CIELCh color 43, 16.991, 232.903 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, 16.991, 232.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

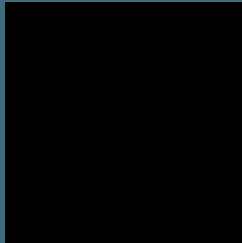
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.991, 232.903

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.991, 232.903.

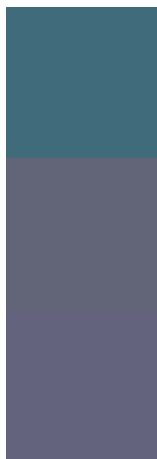


This preview shows how white text looks on a background with the CIELCh color 43, 16.991, 232.903.

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, 16.991, 232.903

Protanopia

43, 11.460, 288.011

Deuteranopia

43, 15.679, 292.427



Tritanopia
43, 16.477, 217.118

Trichromacy



Original Color
43, 16.991, 232.903

Protanomaly
43, 12.306, 261.231

Deuteranomaly
43, 14.266, 268.111

Tritanomaly
43, 16.465, 221.754

Monochromacy



Original Color
43, 16.991, 232.903

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 6.799, 231.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.991, 232.903 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(64, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(64, 107, 123)  
}
```

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(64, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 107, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.991, 232.903 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(64, 107, 123) }
```

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

```
.border{ border-color:rgb(64, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(64, 107,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.991, 232.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 107, 123) }
```

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

```
.background{ background-color: rgb(64, 107,  
123) }
```

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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