

Converting Colors

CIELCh(43, 23.431, 239.295)

Have a look what the booklet for
CIELCh(43, 23.431, 239.295)
contains.

CIELCh(43, 23.372, 238.277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 23.372, 238.277)

Conversions

Conversions Part 1

Format	Color
Hex	2C6D86
RGB	44, 109, 134
RGB Percent	17%, 43%, 53%
CMY	0.8281, 0.5731, 0.4751
CMYK	0.67, 0.19, 0.00, 0.48
HSL	197°, 51%, 35%
HSV	197°, 67%, 52%
XYZ	10.7792, 13.1578, 24.4747
YIQ	92.4150, -46.7650, -6.0050

Conversions

Conversions Part 2

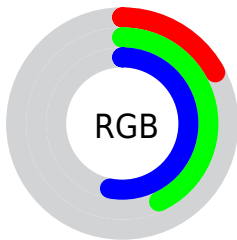
Format	Color
R_{YB}	44, 82, 134
Decimal	2911622
CIE Lab	43.00, -12.29, -19.88
CIE LCh	43, 23.372, 238.277
Yxy	13.1578, 0.2227, 0.2718
Android (android.graphics.Color)	4281101702 (0xFF2C6D86)
YUV	92.4150, 20.5014, -42.4600
Hunter-Lab	36.2736, -10.4350, -14.6129

Details

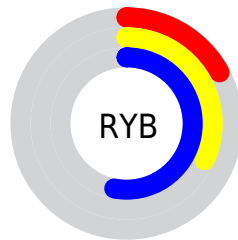
The CIELCh color **43, 23.372, 238.277** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 37.382, 46.958**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 23.309, 237.067**, and **24, 20.456, 246.751** is the 20% darker color. If you saturate the color by 10%, you get **41, 25.458, 241.336**, and if you desaturate by 10%, it is **45, 20.876, 235.794**.

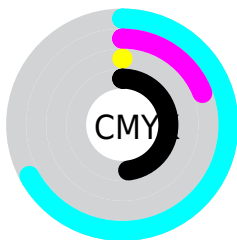
Distribution



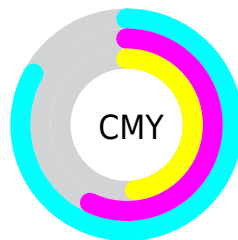
- Red (17%)
- Green (43%)
- Blue (53%)



- Red (17%)
- Yellow (32%)
- Blue (53%)



- Cyan (67%)
- Magenta (19%)
- Yellow (0%)
- Black (48%)




- Cyan (83%)
- Magenta (57%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.372, 238.277 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, 23.372, 238.277 by changing the saturation by 10% instead.


 43, 23.372,
238.277


 43, 23.372,
238.277


 100, 23.372,
238.277


 33, 23.372,
238.277

 63, 23.372,
238.277


 23, 23.372,
238.277

 73, 23.372,
238.277

 13, 23.372,
238.277

 83, 23.372,
238.277

 3, 23.372, 238.277

 93, 23.372,
238.277

 0, 23.372, 238.277

 43, 23.372,

 43, 23.372,

238.277

238.277

■ 41, 25.458,
241.336

■ 45, 20.876,
235.794

■ 40, 27.173,
245.033

■ 46, 17.976,
233.809

■ 39, 28.641,
249.260

■ 48, 14.701,
232.236

■ 38, 29.060,
250.393

■ 50, 11.096,
231.002

■ 52, 7.212, 230.047

■ 54, 3.100, 229.358

■ 56, 1.194, 48.322

■ 59, 5.628, 48.119

■ 61, 10.167, 47.799

Harmonies

Complementary

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



43, 23.372, 238.277



37, 37.382, 46.958

Rectangle

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



43, 23.372, 238.277



43, 23.372, 288.277



43, 23.372, 58.277



43, 23.372, 108.277

Sweetspot

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



43, 23.371, 238.277



66, 10.249, 230.324



49, 50.069, 146.195



33, 6.919, 230.547



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, 23.371, 238.277



52, 31.970, 243.303



29, 44.155, 290.899



27, 2.383, 229.461



37, 28.431, 250.243



0, 0.582, 228.808

Inverse Universe

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



34, 49.010, 338.594



41, 66.931, 340.333



48, 40.174, 90.186



26, 4.341, 333.949



28, 57.141, 342.705



0, 1.032, 333.395

Previews

White Background



This preview shows how the CIELCh color 43, 23.372, 238.277 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, 23.372, 238.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

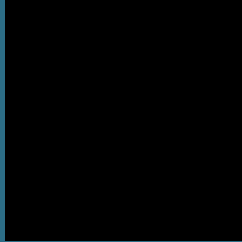
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

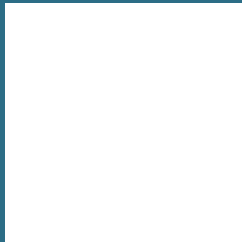
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 23.372, 238.277

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.372, 238.277.

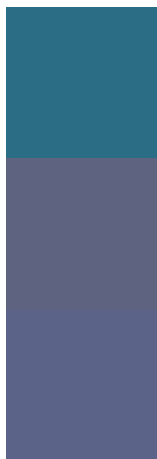


This preview shows how white text looks on a background with the CIELCh color 43, 23.372, 238.277.

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, 23.372, 238.277

Protanopia

43, 16.354, 284.813

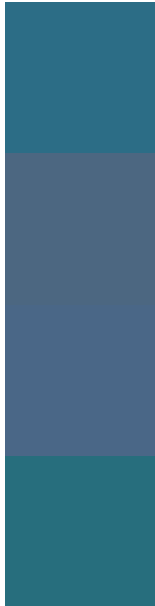
Deuteranopia

43, 21.794, 285.001



Tritanopia
43, 22.707, 211.009

Trichromacy



Original Color
43, 23.372, 238.277

Protanomaly
42, 17.817, 261.138

Deuteranomaly
43, 21.088, 265.888

Tritanomaly
43, 22.353, 221.406

Monochromacy



Original Color
43, 23.372, 238.277

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 10.363, 230.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.372, 238.277 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(44, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(44, 109, 134)  
}
```

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(44, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 109, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.372, 238.277 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(44, 109, 134) }
```

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

```
.border{ border-color:rgb(44, 109, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 109, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 109, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 109, 134);  
box-shadow:4px 4px 4px 4px rgb(44, 109,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.372, 238.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 109, 134) }
```

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

```
.background{ background-color: rgb(44, 109,  
134) }
```

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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