

Converting Colors

CIELCh(43, 26.610, 230.805)

Have a look what the booklet for
CIELCh(43, 26.610, 230.805)
contains.

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Color

CIELCh(43, 26.580, 230.573)

Conversions

Conversions Part 1

Format	Color
Hex	0C6F87
RGB	12, 111, 135
RGB Percent	5%, 44%, 53%
CMY	0.9545, 0.5653, 0.4712
CMYK	0.91, 0.18, 0.00, 0.47
HSL	192°, 84%, 29%
HSV	192°, 91%, 53%
XYZ	10.1773, 13.1578, 24.8699
YIQ	84.1350, -66.7080, -13.5240

Conversions

Conversions Part 2

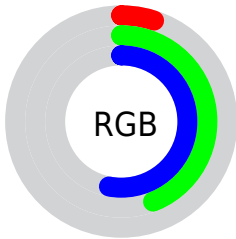
Format	Color
RYB	12, 67, 135
Decimal	814983
CIELab	43.00, -16.88, -20.53
CIELCh	43, 26.580, 230.573
Yxy	13.1578, 0.2111, 0.2730
Android (android.graphics.Color)	4279005063 (0xFF0C6F87)
YUV	84.1350, 25.0764, -63.2624
Hunter-Lab	36.2736, -13.3971, -15.2589

Details

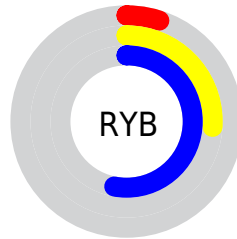
The CIELCh color **43, 26.580, 230.573** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 55.923, 42.793**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.524, 229.882**, and **24, 20.332, 243.955** is the 20% darker color. If you saturate the color by 10%, you get **42, 27.249, 233.321**, and if you desaturate by 10%, it is **44, 25.566, 227.682**.

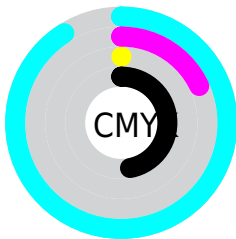
Distribution



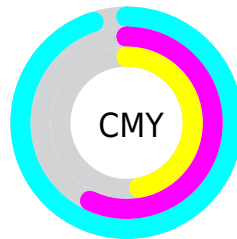
- Red (5%)
- Green (44%)
- Blue (53%)



- Red (5%)
- Yellow (26%)
- Blue (53%)



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)





- Cyan (95%)
- Magenta (57%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.580, 230.573 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, 26.580, 230.573 by changing the saturation by 10% instead.


 43, 26.580,
230.573


 43, 26.580,
230.573


 100, 26.580,
230.573


 33, 26.580,
230.573

 63, 26.580,
230.573


 23, 26.580,
230.573

 73, 26.580,
230.573

 13, 26.580,
230.573

 83, 26.580,
230.573

 3, 26.580, 230.573

 93, 26.580,
230.573

 0, 26.580, 230.573

 43, 26.580,

 43, 26.580,

230.573

■ 42, 27.249,
233.321

230.573

■ 44, 25.566,
227.682

■ 45, 24.058,
225.348

■ 46, 22.022,
223.504

■ 48, 19.466,
222.076

■ 49, 16.428,
220.992

■ 51, 12.963,
220.188

■ 52, 9.132, 219.613

■ 54, 5.001, 219.240

Harmonies

Complementary

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



43, 26.580, 230.573



30, 55.923, 42.793

Rectangle

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



43, 26.580, 230.573



43, 26.580, 280.573



43, 26.580, 50.573



43, 26.580, 100.573

Sweetspot

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



43, 26.579, 230.573



66, 14.038, 219.945



49, 66.737, 139.808



34, 9.437, 220.129



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, 26.579, 230.573



54, 33.172, 234.255



24, 55.157, 293.792



27, 2.455, 219.186



41, 26.538, 233.177



0, 0.601, 218.876

Inverse Universe

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



31, 60.859, 336.738



40, 75.255, 337.793



44, 48.984, 79.628



26, 4.606, 330.856



29, 60.541, 337.498



0, 1.096, 330.340

Previews

White Background



This preview shows how the CIELCh color 43, 26.580, 230.573 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, 26.580, 230.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

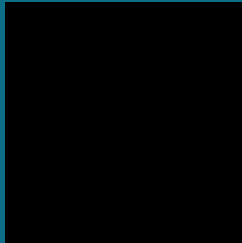
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.580, 230.573

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.580, 230.573.

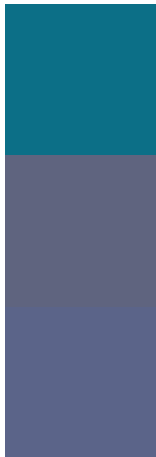


This preview shows how white text looks on a background with the CIELCh color 43, 26.580, 230.573.

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, 26.580, 230.573

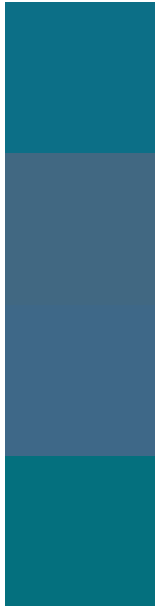
Protanopia
43, 16.319, 286.067

Deuteranopia
43, 22.384, 285.337



Tritanopia
43, 26.594, 207.182

Trichromacy



Original Color
43, 26.580, 230.573

Protanomaly
42, 19.658, 252.015

Deuteranomaly
42, 22.702, 257.537

Tritanomaly
43, 26.099, 215.921

Monochromacy



Original Color
43, 26.580, 230.573

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 13.660, 219.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.580, 230.573 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(12, 111, 135)` looks like.

```
.text, #text, p{  
    color:rgb(12, 111, 135)  
}
```

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(12, 111, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 111, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.580, 230.573 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(12, 111, 135) }
```

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

```
.border{ border-color:rgb(12, 111, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 111, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 111, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 111, 135);  
box-shadow:4px 4px 4px 4px rgb(12, 111,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.580, 230.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 111, 135) }
```

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

```
.background{ background-color: rgb(12, 111,  
135) }
```

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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