

Converting Colors

CIELCh(43, 22.219, 159.969)

Have a look what the booklet for
CIELCh(43, 22.219, 159.969)
contains.

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Color

CIELCh(43, 22.645, 159.326)

Conversions

Conversions Part 1

Format	Color
Hex	426F58
RGB	66, 111, 88
RGB Percent	26%, 44%, 35%
CMY	0.7422, 0.5658, 0.6559
CMYK	0.41, 0.00, 0.21, 0.57
HSL	149°, 25%, 35%
HSV	149°, 41%, 43%
XYZ	9.6336, 13.1578, 11.2072
YIQ	94.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

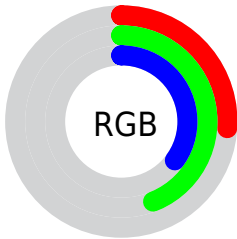
Format	Color
RYB	66, 96, 111
Decimal	4353880
CIELab	43.00, -21.19, 7.99
CIELCh	43, 22.645, 159.326
Yxy	13.1578, 0.2834, 0.3870
Android (android.graphics.Color)	4282543960 (0xFF426F58)
YUV	94.9230, -3.4130, -25.3655
Hunter-Lab	36.2736, -16.0728, 7.0732

Details

The CIELCh color **43, 22.645, 159.326** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 23.645, 346.800**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 22.643, 159.424**, and **23, 22.607, 159.815** is the 20% darker color. If you saturate the color by 10%, you get **42, 27.819, 158.107**, and if you desaturate by 10%, it is **44, 17.232, 160.410**.

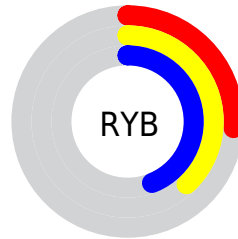
Distribution



 Red (26%)

 Green (44%)

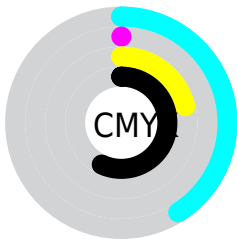
 Blue (35%)




 Red (26%)

 Yellow (38%)

 Blue (44%)

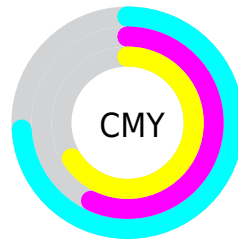


 Cyan (41%)


 Magenta (0%)

 Yellow (21%)

 Black (57%)



 Cyan (74%)


 Magenta (57%)

 Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 22.645, 159.326 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, 22.645, 159.326 by changing the saturation by 10% instead.


 43, 22.645,
159.326


 43, 22.645,
159.326


 100, 22.645,
159.326


 33, 22.645,
159.326

 63, 22.645,
159.326


 23, 22.645,
159.326

 73, 22.645,
159.326

 13, 22.645,
159.326

 83, 22.645,
159.326

 3, 22.645, 159.326

 93, 22.645,
159.326

 0, 22.645, 159.326

 43, 22.645,

 43, 22.645,

159.326

■ 42, 27.819,
158.107

■ 42, 32.665,
156.734

■ 41, 37.105,
155.186

■ 41, 41.077,
153.450

■ 41, 44.552,
151.524

■ 41, 47.553,
149.759

159.326

■ 44, 17.232,
160.410

■ 45, 11.664,
161.383

■ 46, 6.016, 162.273

■ 47, 0.354, 163.755

■ 48, 5.270, 343.686

■ 49, 10.815,
344.372

■ 50, 16.252,
344.991

■ 52, 21.562,
345.563

■ 53, 26.732,

Harmonies

Complementary

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



43, 22.645, 159.326



34, 23.645, 346.800

Rectangle

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



43, 22.645, 159.326



43, 22.645, 209.326



43, 22.645, 339.326



43, 22.645, 29.326

Sweetspot

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



43, 22.646, 159.325



58, 8.364, 162.128



44, 28.023, 126.667



29, 5.510, 162.052



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 22.646, 159.325



54, 33.187, 158.154



44, 16.249, 195.958



23, 3.215, 162.414



44, 50.537, 149.542



86, 88.826, 148.151

Inverse Universe

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



34, 23.645, 346.800



41, 34.867, 348.000



33, 21.127, 21.832



22, 3.252, 343.718



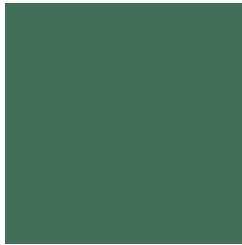
25, 48.778, 359.276



53, 82.842, 1.804

Previews

White Background



This preview shows how the CIELCh color 43, 22.645, 159.326 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, 22.645, 159.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

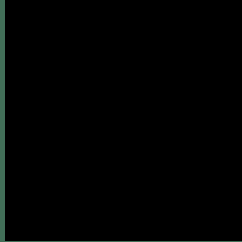
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 22.645, 159.326

Background



This preview shows how black text looks on a background with the CIELCh color 43, 22.645, 159.326.



This preview shows how white text looks on a background with the CIELCh color 43, 22.645, 159.326.

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, 22.645, 159.326

Protanopia

43, 11.097, 94.684

Deuteranopia

43, 8.689, 44.614



Tritanopia
43, 13.475, 221.986

Trichromacy



Original Color
43, 22.645, 159.326

Protanomaly
43, 13.226, 133.348

Deuteranomaly
42, 7.524, 125.582

Tritanomaly
43, 14.251, 192.863

Monochromacy



Original Color
43, 22.645, 159.326

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 8.950, 160.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 22.645, 159.326 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(66, 111, 88)` looks like.

```
.text, #text, p{  
    color:rgb(66, 111, 88)  
}
```

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(66, 111, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 111, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 22.645, 159.326 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(66, 111, 88) }
```

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

```
.border{ border-color:rgb(66, 111, 88) }
```

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

Here you see how a box with a 4 pixel rgb(66, 111, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 111, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 111, 88);  
box-shadow:4px 4px 4px 4px rgb(66, 111,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 22.645, 159.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 111, 88) }
```

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

```
.background{ background-color: rgb(66, 111,  
88) }
```

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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