

Converting Colors

CIELCh(43, 26.457, 161.185)

Have a look what the booklet for
CIELCh(43, 26.457, 161.185)
contains.

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Color

CIELCh(43, 26.272, 161.621)

Conversions

Conversions Part 1

Format	Color
Hex	387057
RGB	56, 112, 87
RGB Percent	22%, 44%, 34%
CMY	0.7798, 0.5602, 0.6583
CMYK	0.50, 0.00, 0.22, 0.56
HSL	153°, 33%, 33%
HSV	153°, 50%, 44%
XYZ	9.1767, 13.1578, 11.1039
YIQ	92.4060, -25.3510, -19.6470

Conversions

Conversions Part 2

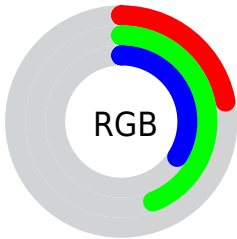
Format	Color
R_{YB}	56, 92, 112
Decimal	3698775
CIE _{Lab}	43.00, -24.93, 8.28
CIE _{LCh}	43, 26.272, 161.621
Yxy	13.1578, 0.2744, 0.3935
Android (android.graphics.Color)	4281888855 (0xFF387057)
YUV	92.4060, -2.6652, -31.9281
Hunter-Lab	36.2736, -18.3210, 7.2420

Details

The CIELCh color **43, 26.272, 161.621** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 28.222, 351.984**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 26.059, 161.794**, and **23, 26.353, 161.590** is the 20% darker color. If you saturate the color by 10%, you get **42, 30.854, 160.247**, and if you desaturate by 10%, it is **44, 21.358, 162.846**.

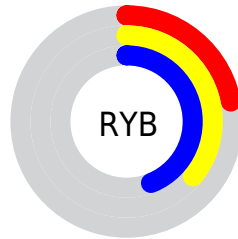
Distribution



Red (22%)

Green (44%)

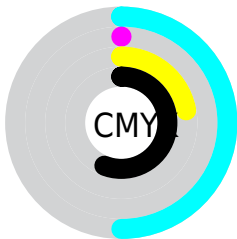
Blue (34%)



Red (22%)

Yellow (36%)

Blue (44%)

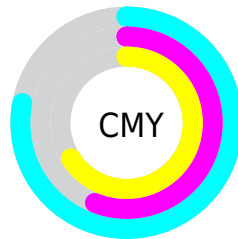


Cyan (50%)

Magenta (0%)

Yellow (22%)

Black (56%)



Cyan (78%)


Magenta (56%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.272, 161.621 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, 26.272, 161.621 by changing the saturation by 10% instead.


 43, 26.272,
161.621


 43, 26.272,
161.621


 100, 26.272,
161.621


 33, 26.272,
161.621

 63, 26.272,
161.621


 23, 26.272,
161.621

 73, 26.272,
161.621

 13, 26.272,
161.621

 83, 26.272,
161.621

 3, 26.272, 161.621

 93, 26.272,
161.621

 0, 26.272, 161.621

 43, 26.272,

 43, 26.272,

161.621

161.621

■ 42, 30.854,
160.247

■ 44, 21.358,
162.846

■ 42, 35.026,
158.705

■ 44, 16.191,
163.947

■ 42, 38.734,
156.977

■ 45, 10.854,
164.944

■ 41, 41.954,
155.057

■ 46, 5.422, 165.867

■ 41, 44.887,
153.136

■ 47, 0.041, 339.888

■ 48, 5.484, 347.344

■ 41, 44.907,
153.124

■ 50, 10.866,
348.073

■ 51, 16.156,
348.738

■ 52, 21.335,

Harmonies

Complementary

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



43, 26.272, 161.621



32, 28.222, 351.984

Rectangle

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



43, 26.272, 161.621



43, 26.272, 211.621



43, 26.272, 341.621



43, 26.272, 31.621

Sweetspot

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



43, 26.273, 161.620



58, 10.120, 165.369



44, 35.141, 128.610



30, 6.955, 165.218



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 26.273, 161.620



54, 38.048, 160.007



43, 18.246, 202.724



23, 3.071, 165.952



44, 47.248, 152.943



86, 82.924, 151.539

Inverse Universe

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



32, 28.222, 351.984



38, 41.192, 353.940



31, 26.026, 27.883



22, 3.116, 347.322



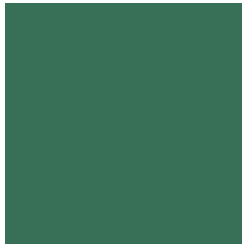
24, 48.322, 5.168



53, 82.530, 8.119

Previews

White Background



This preview shows how the CIELCh color 43, 26.272, 161.621 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, 26.272, 161.621 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, 26.272, 161.621

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.272, 161.621.

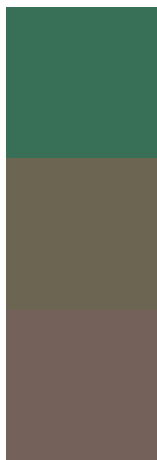


This preview shows how white text looks on a background with the CIELCh color 43, 26.272, 161.621.

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, 26.272, 161.621

Protanopia
43, 11.678, 95.258

Deuteranopia
43, 8.985, 47.961



Tritanopia
43, 15.952, 217.832

Trichromacy



Original Color
43, 26.272, 161.621

Protanomaly
43, 14.354, 136.775

Deuteranomaly
42, 9.260, 133.361

Tritanomaly
43, 17.889, 189.548

Monochromacy



Original Color
43, 26.272, 161.621

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 9.936, 164.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.272, 161.621 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(56, 112, 87)` looks like.

```
.text, #text, p{  
    color:rgb(56, 112, 87)  
}
```

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(56, 112, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 112, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.272, 161.621 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(56, 112, 87) }
```

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

```
.border{ border-color:rgb(56, 112, 87) }
```

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

Here you see how a box with a 4 pixel rgb(56, 112, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 112, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 112, 87);  
box-shadow:4px 4px 4px 4px rgb(56, 112,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.272, 161.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 112, 87) }
```

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

```
.background{ background-color: rgb(56, 112,  
87) }
```

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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