

Converting Colors

CIELCh(43, 28.910, 171.383)

Have a look what the booklet for
CIELCh(43, 28.910, 171.383)
contains.

CIELCh(43, 28.927, 171.539)	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, 28.927, 171.539)

Conversions

Conversions Part 1

Format	Color
Hex	25725E
RGB	37, 114, 94
RGB Percent	15%, 45%, 37%
CMY	0.8563, 0.5541, 0.6325
CMYK	0.68, 0.00, 0.18, 0.55
HSL	164°, 51%, 29%
HSV	164°, 68%, 45%
XYZ	8.7420, 13.1578, 12.6025
YIQ	88.6970, -39.4720, -22.5440

Conversions

Conversions Part 2

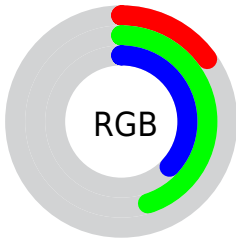
Format	Color
RYB	37, 81, 114
Decimal	2454110
CIELab	43.00, -28.61, 4.26
CIElCh	43, 28.927, 171.539
Yxy	13.1578, 0.2534, 0.3814
Android (android.graphics.Color)	4280644190 (0xFF25725E)
YUV	88.6970, 2.6144, -45.3383
Hunter-Lab	36.2736, -20.4599, 4.7926

Details

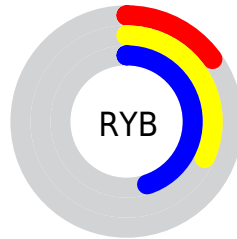
The CIELCh color **43, 28.927, 171.539** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27, 36.107, 9.372**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 28.782, 171.549**, and **24, 24.291, 167.779** is the 20% darker color. If you saturate the color by 10%, you get **43, 31.749, 170.030**, and if you desaturate by 10%, it is **43, 25.619, 172.899**.

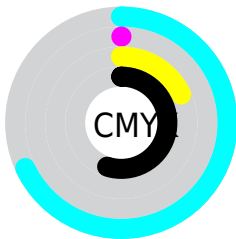
Distribution



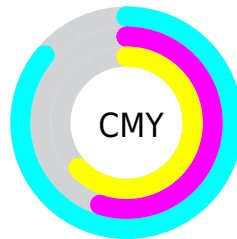
- Red (15%)
- Green (45%)
- Blue (37%)



- Red (15%)
- Yellow (32%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)





- Cyan (86%)
- Magenta (55%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 28.927, 171.539 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, 28.927, 171.539 by changing the saturation by 10% instead.

 43, 28.927,
171.539


 43, 28.927,
171.539


 100, 28.927,
171.539


 33, 28.927,
171.539

 63, 28.927,
171.539


 23, 28.927,
171.539

 73, 28.927,
171.539

 13, 28.927,
171.539

 83, 28.927,
171.539

 3, 28.927, 171.539

 93, 28.927,
171.539

 0, 28.927, 171.539

 43, 28.927,

 43, 28.927,

171.539

171.539

■ 43, 31.749,
170.030

■ 43, 25.619,
172.899

■ 42, 34.069,
168.357

■ 44, 21.868,
174.135

■ 42, 36.018,
166.592

■ 45, 17.739,
175.266

■ 42, 36.453,
166.220

■ 45, 13.305,
176.313

■ 46, 8.640, 177.294

■ 47, 3.815, 178.250

■ 48, 1.108, 358.729

■ 49, 6.075, 359.785

■ 50, 11.044, 0.589

Harmonies

Complementary

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



43, 28.927, 171.539



27, 36.107, 9.372

Rectangle

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



43, 28.927, 171.539



43, 28.927, 221.539



43, 28.927, 351.539



43, 28.927, 41.539

Sweetspot

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



43, 28.927, 171.538



59, 12.021, 177.029



43, 49.358, 133.386



30, 8.124, 176.820



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, 28.927, 171.538



55, 39.957, 169.158



38, 20.427, 230.778



23, 2.729, 178.130



44, 37.917, 166.093



87, 65.950, 164.836

Inverse Universe

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



27, 36.107, 9.372



33, 51.650, 14.602



30, 33.604, 43.384



22, 2.808, 359.574



24, 50.505, 22.308



52, 88.230, 25.813

Previews

White Background



This preview shows how the CIELCh color 43, 28.927, 171.539 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, 28.927, 171.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

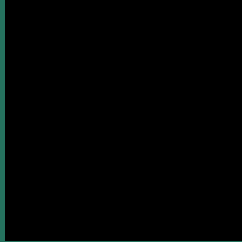
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.927, 171.539

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.927, 171.539.



This preview shows how white text looks on a background with the CIELCh color 43, 28.927, 171.539.

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, 28.927, 171.539

Protanopia

43, 8.663, 94.294

Deuteranopia

43, 6.008, 25.819



Tritanopia
43, 20.263, 212.984

Trichromacy



Original Color
43, 28.927, 171.539

Protanomaly
42, 14.624, 153.389

Deuteranomaly
42, 9.185, 166.598

Tritanomaly
43, 21.920, 195.343

Monochromacy



Original Color
43, 28.927, 171.539

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 12.050, 176.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.927, 171.539 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(37, 114, 94)` looks like.

```
.text, #text, p{  
    color:rgb(37, 114, 94)  
}
```

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(37, 114, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 114, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.927, 171.539 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(37, 114, 94) }
```

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

```
.border{ border-color:rgb(37, 114, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 114, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 114, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 114, 94);  
box-shadow:4px 4px 4px 4px rgb(37, 114,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.927, 171.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 114, 94) }
```

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

```
.background{ background-color: rgb(37, 114,  
94) }
```

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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