

Converting Colors

CIELCh(43, 25.142, 178.631)

Have a look what the booklet for
CIELCh(43, 25.142, 178.631)
contains.

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Color

CIELCh(43, 25.288, 178.428)

Conversions

Conversions Part 1

Format	Color
Hex	2B7164
RGB	43, 113, 100
RGB Percent	17%, 44%, 39%
CMY	0.8328, 0.5581, 0.6091
CMYK	0.62, 0.00, 0.12, 0.56
HSL	169°, 45%, 30%
HSV	169°, 62%, 44%
XYZ	9.1352, 13.1578, 14.0355
YIQ	90.5880, -37.5470, -18.8830

Conversions

Conversions Part 2

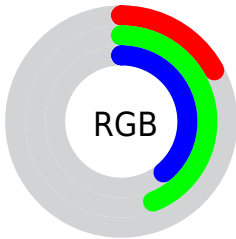
Format	Color
RYB	43, 82, 113
Decimal	2847076
CIELab	43.00, -25.28, 0.69
CIElCh	43, 25.288, 178.428
Yxy	13.1578, 0.2515, 0.3622
Android (android.graphics.Color)	4281037156 (0xFF2B7164)
YUV	90.5880, 4.6401, -41.7347
Hunter-Lab	36.2736, -18.5254, 2.4503

Details

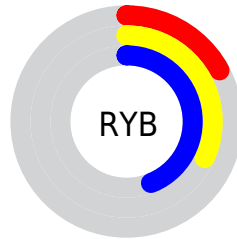
The CIELCh color **43, 25.288, 178.428** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **28, 33.132, 13.553**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 24.976, 178.878**, and **23, 21.737, 176.033** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.996, 177.196**, and if you desaturate by 10%, it is **43, 22.098, 179.555**.

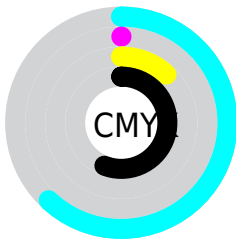
Distribution



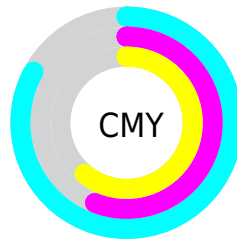
- Red (17%)
- Green (44%)
- Blue (39%)



- Red (17%)
- Yellow (32%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)




- Cyan (83%)
- Magenta (56%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 25.288, 178.428 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, 25.288, 178.428 by changing the saturation by 10% instead.


 43, 25.288,
178.428


 43, 25.288,
178.428


 100, 25.288,
178.428


 33, 25.288,
178.428

 63, 25.288,
178.428


 23, 25.288,
178.428

 73, 25.288,
178.428

 13, 25.288,
178.428

 83, 25.288,
178.428

 3, 25.288, 178.428

 93, 25.288,
178.428

 0, 25.288, 178.428

 43, 25.288,

 43, 25.288,

178.428

178.428

■ 43, 27.996,
177.196

■ 43, 22.098,
179.555

■ 42, 30.193,
175.843

■ 44, 18.475,
180.600

■ 42, 31.888,
174.351

■ 45, 14.485,
181.579

■ 42, 33.081,
173.191

■ 45, 10.199,
182.508

■ 46, 5.689, 183.408

■ 47, 1.020, 184.518

■ 48, 3.749, 4.903

■ 49, 8.571, 5.734

■ 51, 13.405, 6.504

Harmonies

Complementary

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



43, 25.288, 178.428



28, 33.132, 13.553

Rectangle

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



43, 25.288, 178.428



43, 25.288, 228.428



43, 25.288, 358.428



43, 25.288, 48.428

Sweetspot

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



43, 25.288, 178.427



58, 10.828, 182.750



42, 46.388, 135.303



30, 7.480, 182.546



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, 25.288, 178.427



54, 34.968, 176.569



37, 19.513, 240.227



23, 2.633, 183.698



45, 34.622, 173.065



87, 59.897, 171.991

Inverse Universe

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



28, 33.132, 13.553



33, 48.727, 18.155



32, 29.110, 48.894



22, 2.728, 5.074



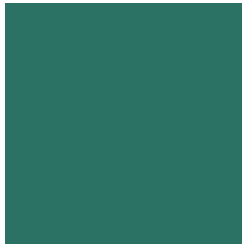
24, 52.644, 28.270



52, 92.591, 31.569

Previews

White Background



This preview shows how the CIELCh color 43, 25.288, 178.428 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, 25.288, 178.428 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, 25.288, 178.428

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.288, 178.428.



This preview shows how white text looks on a background with the CIELCh color 43, 25.288, 178.428.

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, 25.288, 178.428

Protanopia

43, 5.084, 89.761

Deuteranopia

43, 5.852, 349.283



Tritanopia
43, 19.838, 213.370

Trichromacy



Original Color
43, 25.288, 178.428

Protanomaly
42, 11.190, 165.446

Deuteranomaly
42, 6.809, 193.508

Tritanomaly
43, 21.017, 198.714

Monochromacy



Original Color
43, 25.288, 178.428

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 10.272, 184.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.288, 178.428 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(43, 113, 100)` looks like.

```
.text, #text, p{  
    color:rgb(43, 113, 100)  
}
```

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(43, 113, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 113, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.288, 178.428 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(43, 113, 100) }
```

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

```
.border{ border-color:rgb(43, 113, 100) }
```

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

Here you see how a box with a 4 pixel rgb(43, 113, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 113, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 113, 100);  
box-shadow:4px 4px 4px 4px rgb(43, 113,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.288, 178.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 113, 100) }
```

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

```
.background{ background-color: rgb(43, 113,  
100) }
```

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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