

Converting Colors

CIELCh(43, 25.808, 196.589)

Have a look what the booklet for
CIELCh(43, 25.808, 196.589)
contains.

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Color

CIELCh(43, 25.768, 196.567)

Conversions

Conversions Part 1

Format	Color
Hex	167171
RGB	22, 113, 113
RGB Percent	9%, 44%, 44%
CMY	0.9141, 0.5571, 0.5571
CMYK	0.81, 0.00, 0.00, 0.56
HSL	180°, 68%, 26%
HSV	180°, 81%, 44%
XYZ	9.2048, 13.1578, 17.6606
YIQ	85.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

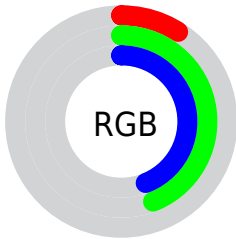
Format	Color
R_{YB}	22, 68, 113
Decimal	1470833
CIE Lab	43.00, -24.70, -7.35
CIE LCh	43, 25.768, 196.567
Yxy	13.1578, 0.2300, 0.3288
Android (android.graphics.Color)	4279660913 (0xFF167171)
YUV	85.7910, 13.4140, -55.9447
Hunter-Lab	36.2736, -18.1829, -3.4750

Details

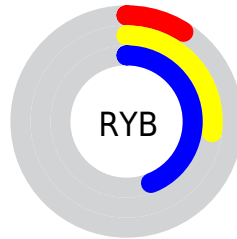
The CIELCh color **43, 25.768, 196.567** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 46.309, 32.687**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 25.564, 197.244**, and **24, 18.448, 198.521** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.784, 196.459**, and if you desaturate by 10%, it is **43, 24.225, 196.729**.

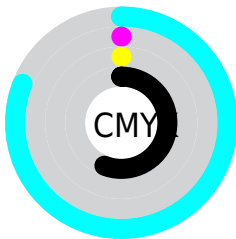
Distribution



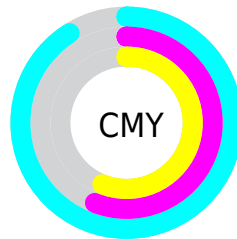
- Red (9%)
- Green (44%)
- Blue (44%)



- Red (9%)
- Yellow (27%)
- Blue (44%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)





- Cyan (91%)
- Magenta (56%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.768, 196.567 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, 25.768, 196.567 by changing the saturation by 10% instead.


 43, 25.768,
196.567


 43, 25.768,
196.567


 100, 25.768,
196.567


 33, 25.768,
196.567

 63, 25.768,
196.567


 23, 25.768,
196.567

 73, 25.768,
196.567

 13, 25.768,
196.567

 83, 25.768,
196.567

 3, 25.768, 196.567

 93, 25.768,
196.567

 0, 25.768, 196.567

 43, 25.768,

 43, 25.768,

196.567

196.567

■ 43, 26.784,
196.459

■ 43, 24.225,
196.729

■ 43, 27.485,
196.386

■ 44, 22.140,
196.951

■ 44, 19.527,
197.233

■ 44, 16.423,
197.573

■ 45, 12.881,
197.969

■ 46, 8.966, 198.420

■ 47, 4.742, 198.935

■ 48, 0.276, 200.691

■ 49, 4.373, 19.833

Harmonies

Complementary

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



43, 25.768, 196.567



24, 46.309, 32.687

Rectangle

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



43, 25.768, 196.567



43, 25.768, 246.567



43, 25.768, 16.567



43, 25.768, 66.567

Sweetspot

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



43, 25.768, 196.566



59, 12.862, 198.231



41, 59.148, 137.251



30, 8.698, 198.108



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, 25.768, 196.566



55, 33.188, 196.403



28, 29.880, 272.260



23, 2.511, 199.029



45, 28.674, 196.386



89, 48.972, 196.386

Inverse Universe

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



24, 46.309, 32.687



30, 67.533, 38.629



33, 37.766, 63.975



22, 2.649, 19.858



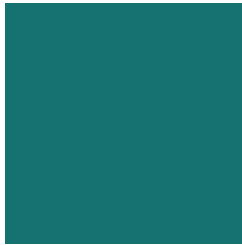
24, 58.001, 37.790



52, 102.190, 40.000

Previews

White Background



This preview shows how the CIELCh color 43, 25.768, 196.567 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, 25.768, 196.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

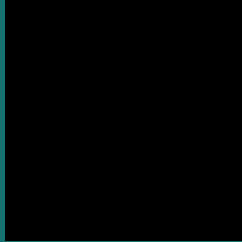
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.768, 196.567

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.768, 196.567.



This preview shows how white text looks on a background with the CIELCh color 43, 25.768, 196.567.

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, 25.768, 196.567

Protanopia

43, 2.451, 300.125

Deuteranopia

43, 10.469, 302.440



Tritanopia
43, 23.938, 210.149

Trichromacy



Original Color
43, 25.768, 196.567

Protanomaly
42, 12.011, 206.787

Deuteranomaly
42, 12.512, 230.630

Tritanomaly
43, 24.440, 205.391

Monochromacy



Original Color
43, 25.768, 196.567

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 12.508, 197.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.768, 196.567 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(22, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(22, 113, 113)  
}
```

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(22, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 113, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.768, 196.567 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(22, 113, 113) }
```

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

```
.border{ border-color:rgb(22, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(22, 113,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.768, 196.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 113, 113) }
```

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

```
.background{ background-color: rgb(22, 113,  
113) }
```

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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