

Converting Colors

CIELCh(43, 25.878, 196.411)

Have a look what the booklet for
CIELCh(43, 25.878, 196.411)
contains.

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Color

CIELCh(43, 25.879, 196.555)

Conversions

Conversions Part 1

Format	Color
Hex	157171
RGB	21, 113, 113
RGB Percent	8%, 44%, 44%
CMY	0.9177, 0.5569, 0.5569
CMYK	0.81, 0.00, 0.00, 0.56
HSL	180°, 69%, 26%
HSV	180°, 81%, 44%
XYZ	9.1918, 13.1578, 17.6734
YIQ	85.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

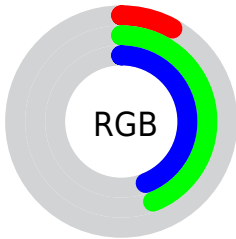
Format	Color
R_{YB}	21, 67, 113
Decimal	1405297
CIE _{Lab}	43.00, -24.81, -7.37
CIE _{LCh}	43, 25.879, 196.555
Yxy	13.1578, 0.2297, 0.3288
Android (android.graphics.Color)	4279595377 (0xFF157171)
YUV	85.4920, 13.5614, -56.5595
Hunter-Lab	36.2736, -18.2467, -3.4960

Details

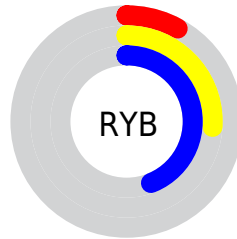
The CIELCh color **43, 25.879, 196.555** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 46.804, 32.968**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 25.802, 197.225**, and **24, 18.448, 198.521** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.853, 196.452**, and if you desaturate by 10%, it is **43, 24.380, 196.712**.

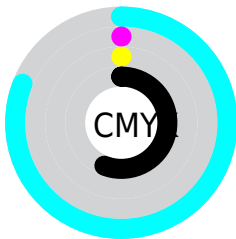
Distribution



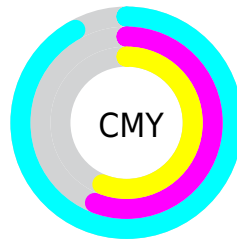
- Red (8%)
- Green (44%)
- Blue (44%)



- Red (8%)
- Yellow (26%)
- Blue (44%)



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





- Cyan (92%)
- Magenta (56%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.879, 196.555 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, 25.879, 196.555 by changing the saturation by 10% instead.


 43, 25.879,
196.555


 43, 25.879,
196.555


 100, 25.879,
196.555


 33, 25.879,
196.555

 63, 25.879,
196.555


 23, 25.879,
196.555

 73, 25.879,
196.555

 13, 25.879,
196.555

 83, 25.879,
196.555

 3, 25.879, 196.555

 93, 25.879,
196.555

 0, 25.879, 196.555

 43, 25.879,

 43, 25.879,

196.555

■ 43, 26.853,
196.452

■ 43, 27.492,
196.385

196.555

■ 43, 24.380,
196.712

■ 44, 22.339,
196.929

■ 44, 19.768,
197.206

■ 44, 16.702,
197.542

■ 45, 13.194,
197.934

■ 46, 9.305, 198.379

■ 47, 5.103, 198.888

■ 47, 0.653, 199.885

■ 48, 3.984, 19.779

Harmonies

Complementary

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



43, 25.879, 196.555



24, 46.804, 32.968

Rectangle

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



43, 25.879, 196.555



43, 25.879, 246.555



43, 25.879, 16.555



43, 25.879, 66.555

Sweetspot

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



43, 25.879, 196.554



59, 12.862, 198.230



41, 59.529, 137.181



30, 8.698, 198.107



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, 25.879, 196.554



55, 33.255, 196.396



28, 30.175, 272.588



23, 2.511, 199.029



45, 28.675, 196.385



89, 48.972, 196.385

Inverse Universe

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



24, 46.804, 32.968



30, 68.029, 38.877



33, 38.177, 63.852



22, 2.649, 19.857



24, 58.001, 37.789



52, 102.189, 40.000

Previews

White Background



This preview shows how the CIELCh color 43, 25.879, 196.555 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, 25.879, 196.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

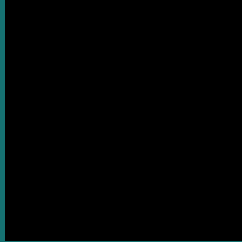
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.879, 196.555

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.879, 196.555.



This preview shows how white text looks on a background with the CIELCh color 43, 25.879, 196.555.

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, 25.879, 196.555

Protanopia

43, 2.451, 300.125

Deuteranopia

43, 10.469, 302.440



Tritanopia
43, 24.068, 210.064

Trichromacy



Original Color
43, 25.879, 196.555

Protanomaly
42, 12.011, 206.787

Deuteranomaly
42, 12.512, 230.630

Tritanomaly
43, 24.563, 205.336

Monochromacy



Original Color
43, 25.879, 196.555

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 12.516, 197.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.879, 196.555 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(21, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(21, 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(21, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 113, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.879, 196.555 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(21, 113, 113) }
```

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

```
.border{ border-color:rgb(21, 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(21, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(21, 113,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.879, 196.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 113, 113) }
```

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

```
.background{ background-color: rgb(21, 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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