

Converting Colors

CIELCh(41, 25.930, 196.444)

Have a look what the booklet for
CIELCh(41, 25.930, 196.444)
contains.

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Color

CIELCh(41, 25.922, 196.462)

Conversions

Conversions Part 1

Format	Color
Hex	0A6C6C
RGB	10, 108, 108
RGB Percent	4%, 42%, 42%
CMY	0.9611, 0.5766, 0.5766
CMYK	0.91, 0.00, 0.00, 0.58
HSL	180°, 83%, 23%
HSV	180°, 91%, 42%
XYZ	8.1885, 11.8645, 16.0372
YIQ	78.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

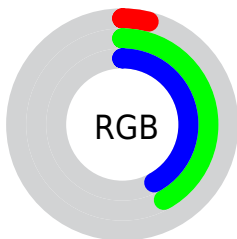
Format	Color
RYB	10, 59, 108
Decimal	683116
CIELab	41.00, -24.86, -7.35
CIELCh	41, 25.922, 196.462
Yxy	11.8645, 0.2269, 0.3287
Android (android.graphics.Color)	4278873196 (0xFF0A6C6C)
YUV	78.6980, 14.4459, -60.2481
Hunter-Lab	34.4449, -17.8443, -3.4934

Details

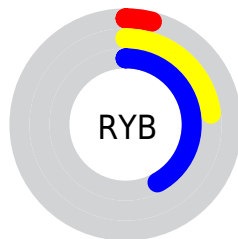
The CIELCh color **41, 25.922, 196.462** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 49.548, 35.266**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 26.098, 195.895**, and **22, 17.679, 198.637** is the 20% darker color. If you saturate the color by 10%, you get **41, 26.620, 196.386**, and if you desaturate by 10%, it is **41, 24.931, 196.568**.

Distribution



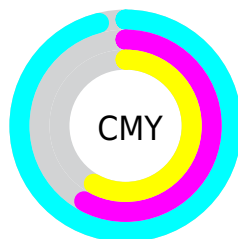
- Red (4%)
- Green (42%)
- Blue (42%)



- Red (4%)
- Yellow (23%)
- Blue (42%)



- Cyan (91%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (58%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.922, 196.462 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 41, 25.922, 196.462 by changing the saturation by 10% instead.


 41, 25.922,
196.462


 41, 25.922,
196.462


 100, 25.922,
196.462


 31, 25.922,
196.462

 61, 25.922,
196.462


 21, 25.922,
196.462

 71, 25.922,
196.462

 11, 25.922,
196.462


 81, 25.922,
196.462

 1, 25.922, 196.462

 91, 25.922,
196.462

 0, 25.922, 196.462

 41, 25.922,

 41, 25.922,

196.462

196.462

■ 41, 26.620,
196.386

■ 41, 24.931,
196.568

■ 41, 23.435,
196.731

■ 42, 21.419,
196.953

■ 42, 18.897,
197.234

■ 43, 15.904,
197.573

■ 43, 12.492,
197.967

■ 44, 8.721, 198.415

■ 45, 4.654, 198.927

Harmonies

Complementary

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



41, 25.922, 196.462



22, 49.548, 35.266

Rectangle

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



41, 25.922, 196.462



41, 25.922, 246.462



41, 25.922, 16.462



41, 25.922, 66.462

Sweetspot

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



41, 25.922, 196.461



56, 13.718, 198.099



39, 60.808, 136.538



29, 9.235, 197.992



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 25.922, 196.461



53, 32.120, 196.386



25, 32.209, 276.272



22, 2.415, 199.034



44, 28.237, 196.386



88, 48.589, 196.386

Inverse Universe

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



22, 49.548, 35.266



28, 66.113, 39.049



30, 40.853, 62.361



21, 2.547, 19.851



23, 56.952, 37.577



51, 101.391, 40.000

Previews

White Background



This preview shows how the CIELCh color 41, 25.922, 196.462 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 41, 25.922, 196.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

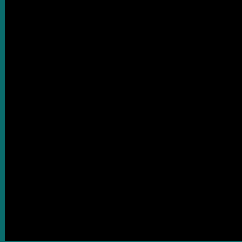
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.922, 196.462

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.922, 196.462.

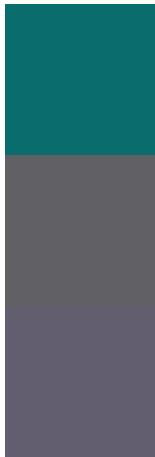


This preview shows how white text looks on a background with the CIELCh color 41, 25.922, 196.462.

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

41, 25.922, 196.462

Protanopia

41, 2.473, 300.135

Deuteranopia

41, 10.562, 302.478



Tritanopia
41, 23.951, 208.652

Trichromacy



Original Color
41, 25.922, 196.462

Protanomaly
40, 13.008, 206.027

Deuteranomaly
40, 13.089, 229.272

Tritanomaly
41, 24.539, 203.872

Monochromacy



Original Color
41, 25.922, 196.462

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 13.514, 197.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.922, 196.462 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(10, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(10, 108, 108)  
}
```

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(10, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 108, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.922, 196.462 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(10, 108, 108) }
```

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

```
.border{ border-color:rgb(10, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(10, 108,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.922, 196.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 108, 108) }
```

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

```
.background{ background-color: rgb(10, 108,  
108) }
```

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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