

Converting Colors

CIELCh(40, 29.598, 202.747)

Have a look what the booklet for
CIELCh(40, 29.598, 202.747)
contains.

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Color

CIELCh(41, 25.791, 203.391)

Conversions

Conversions Part 1

Format	Color
Hex	026C71
RGB	2, 108, 113
RGB Percent	1%, 42%, 44%
CMY	0.9927, 0.5776, 0.5580
CMYK	0.98, 0.04, 0.00, 0.56
HSL	183°, 97%, 22%
HSV	183°, 98%, 44%
XYZ	8.3214, 11.8645, 17.3916
YIQ	76.8760, -64.7810, -20.9170

Conversions

Conversions Part 2

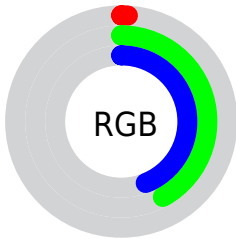
Format	Color
RYB	2, 56, 113
Decimal	158833
CIELab	41.00, -23.67, -10.24
CIElCh	41, 25.791, 203.391
Yxy	11.8645, 0.2214, 0.3157
Android (android.graphics.Color)	4278348913 (0xFF026C71)
YUV	76.8760, 17.8091, -65.6663
Hunter-Lab	34.4449, -17.1558, -5.8247

Details

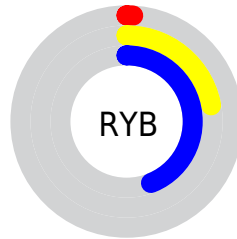
The CIELCh color **41, 25.791, 203.391** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 53.755, 37.965**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 25.806, 203.556**, and **22, 17.245, 207.988** is the 20% darker color. If you saturate the color by 10%, you get **41, 25.894, 203.468**, and if you desaturate by 10%, it is **41, 25.154, 202.907**.

Distribution



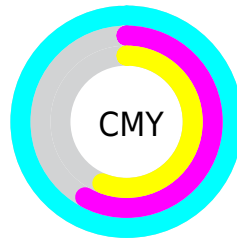
- Red (1%)
- Green (42%)
- Blue (44%)



- Red (1%)
- Yellow (22%)
- Blue (44%)



- Cyan (98%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)





- Cyan (99%)
- Magenta (58%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.791, 203.391 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, 25.791, 203.391 by changing the saturation by 10% instead.


 41, 25.791,
203.391


 41, 25.791,
203.391


 100, 25.791,
203.391


 31, 25.791,
203.391

 61, 25.791,
203.391


 21, 25.791,
203.391

 71, 25.791,
203.391

 11, 25.791,
203.391


 81, 25.791,
203.391

 1, 25.791, 203.391

 91, 25.791,
203.391

 0, 25.791, 203.391

 41, 25.791,

 41, 25.791,

203.391

■ 41, 25.894,
203.468

203.391

■ 41, 25.154,
202.907

■ 42, 24.149,
202.523

■ 42, 22.615,
202.278

■ 43, 20.547,
202.163

■ 43, 17.968,
202.165

■ 44, 14.922,
202.270

■ 45, 11.467,
202.467

■ 46, 7.666, 202.746

Harmonies

Complementary

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



41, 25.791, 203.391



22, 53.755, 37.965

Rectangle

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



41, 25.791, 203.391



41, 25.791, 253.391



41, 25.791, 23.391



41, 25.791, 73.391

Sweetspot

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



41, 25.791, 203.390



57, 14.819, 202.411



41, 64.362, 136.603



29, 10.063, 202.344



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 25.791, 203.390



52, 31.061, 203.661



23, 39.672, 284.483



23, 2.400, 203.097



43, 27.044, 203.518



85, 46.047, 203.954

Inverse Universe

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



26, 60.812, 329.981



34, 73.432, 330.072



31, 45.019, 65.358



22, 4.445, 326.121



27, 63.912, 330.036



58, 108.941, 330.145

Previews

White Background



This preview shows how the CIELCh color 41, 25.791, 203.391 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, 25.791, 203.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

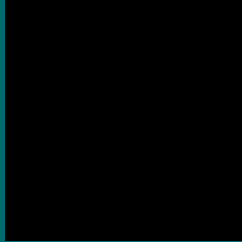
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.791, 203.391

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.791, 203.391.



This preview shows how white text looks on a background with the CIELCh color 41, 25.791, 203.391.

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, 25.830, 203.382

Protanopia

41, 5.467, 291.005

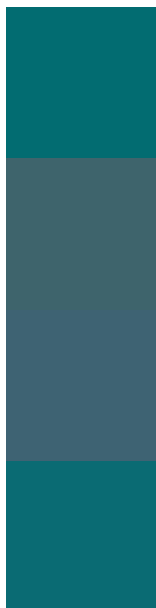
Deuteranopia

41, 13.425, 295.443



Tritanopia
41, 24.578, 209.775

Trichromacy



Original Color
41, 25.830, 203.382

Protanomaly
40, 14.209, 218.150

Deuteranomaly
40, 15.668, 237.055

Tritanomaly
41, 24.904, 208.097

Monochromacy



Original Color
41, 25.830, 203.382

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 13.991, 202.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.791, 203.391 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(2, 108, 113)` looks like.

```
.text, #text, p{  
    color:rgb(2, 108, 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(2, 108, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 108, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.791, 203.391 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(2, 108, 113) }
```

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

```
.border{ border-color:rgb(2, 108, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 108, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 108, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 108, 113);  
box-shadow:4px 4px 4px 4px rgb(2, 108,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.791, 203.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 108, 113) }
```

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

```
.background{ background-color: rgb(2, 108,  
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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