

Converting Colors

CIELCh(41, 25.516, 209.195)

Have a look what the booklet for
CIELCh(41, 25.516, 209.195)
contains.

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Color

CIELCh(41, 25.451, 209.235)

Conversions

Conversions Part 1

Format	Color
Hex	026B74
RGB	2, 107, 116
RGB Percent	1%, 42%, 45%
CMY	0.9926, 0.5791, 0.5438
CMYK	0.98, 0.08, 0.00, 0.54
HSL	185°, 97%, 23%
HSV	185°, 98%, 46%
XYZ	8.4869, 11.8645, 18.4664
YIQ	76.6310, -65.4690, -19.4610

Conversions

Conversions Part 2

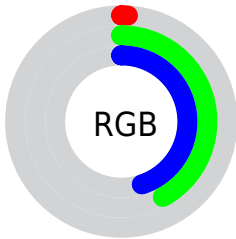
Format	Color
RYB	2, 57, 116
Decimal	158580
CIELab	41.00, -22.21, -12.43
CIELCh	41, 25.451, 209.235
Yxy	11.8645, 0.2186, 0.3056
Android (android.graphics.Color)	4278348660 (0xFF026B74)
YUV	76.6310, 19.4089, -65.4514
Hunter-Lab	34.4449, -16.2981, -7.6748

Details

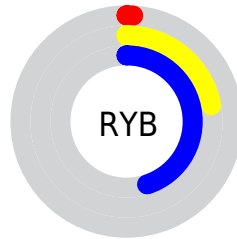
The CIELCh color **41, 25.451, 209.235** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 54.811, 38.992**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 25.469, 208.916**, and **22, 17.053, 217.883** is the 20% darker color. If you saturate the color by 10%, you get **41, 25.542, 209.393**, and if you desaturate by 10%, it is **41, 24.876, 208.234**.

Distribution



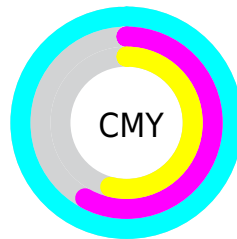
- Red (1%)
- Green (42%)
- Blue (45%)



- Red (1%)
- Yellow (22%)
- Blue (45%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)





- Cyan (99%)
- Magenta (58%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.451, 209.235 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, 25.451, 209.235 by changing the saturation by 10% instead.


 41, 25.451,
209.235


 41, 25.451,
209.235


 100, 25.451,
209.235


 31, 25.451,
209.235

 61, 25.451,
209.235


 21, 25.451,
209.235

 71, 25.451,
209.235

 11, 25.451,
209.235


 81, 25.451,
209.235

 1, 25.451, 209.235

 91, 25.451,
209.235

 0, 25.451, 209.235

 41, 25.451,

 41, 25.451,

209.235

■ 41, 25.542,
209.393

209.235

■ 41, 24.876,
208.234

■ 42, 23.922,
207.399

■ 42, 22.432,
206.782

■ 43, 20.401,
206.359

■ 44, 17.855,
206.106

■ 45, 14.839,
205.998

■ 46, 11.411,
206.015

■ 47, 7.636, 206.141

Harmonies

Complementary

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



41, 25.451, 209.235



24, 54.811, 38.992

Rectangle

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



41, 25.451, 209.235



41, 25.451, 259.235



41, 25.451, 29.235



41, 25.451, 79.235

Sweetspot

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



41, 25.450, 209.234



58, 14.761, 206.001



42, 65.171, 137.026



30, 10.019, 205.992



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 25.450, 209.234



52, 30.706, 209.754



23, 43.346, 287.545



24, 2.414, 206.365



43, 26.478, 209.470



84, 44.709, 210.276

Inverse Universe

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



26, 60.666, 331.426



35, 73.368, 331.574



33, 45.795, 68.144



23, 4.508, 327.098



28, 63.249, 331.504



58, 106.878, 331.702

Previews

White Background



This preview shows how the CIELCh color 41, 25.451, 209.235 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, 25.451, 209.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

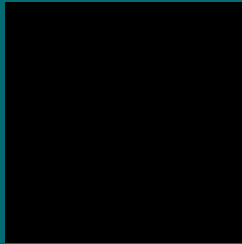
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.451, 209.235

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.451, 209.235.



This preview shows how white text looks on a background with the CIELCh color 41, 25.451, 209.235.

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





Tritanopia
41, 25.516, 209.195

Trichromacy



Original Color
41, 25.386, 209.274

Protanomaly
40, 15.126, 227.161

Deuteranomaly
40, 16.844, 242.116

Tritanomaly
41, 25.451, 209.235

Monochromacy



Original Color
41, 25.386, 209.274

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 13.959, 205.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.451, 209.235 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, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(2, 107, 116)  
}
```

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, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 107, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.451, 209.235 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, 107, 116) }
```

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

```
.border{ border-color:rgb(2, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(2, 107,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.451, 209.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 107, 116) }
```

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

```
.background{ background-color: rgb(2, 107,  
116) }
```

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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