

Converting Colors

CIELCh(41, 23.726, 208.788)

Have a look what the booklet for
CIELCh(41, 23.726, 208.788)
contains.

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Color

CIELCh(41, 23.726, 208.788)

Conversions

Conversions Part 1

Format	Color
Hex	176B73
RGB	23, 107, 115
RGB Percent	9%, 42%, 45%
CMY	0.9116, 0.5815, 0.5501
CMYK	0.80, 0.07, 0.00, 0.55
HSL	185°, 67%, 27%
HSV	185°, 80%, 45%
XYZ	8.6492, 11.8645, 17.9684
YIQ	82.7960, -52.6320, -15.3200

Conversions

Conversions Part 2

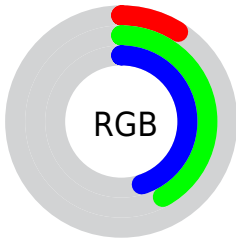
Format	Color
R_{YB}	23, 67, 115
Decimal	1534835
CIE _{Lab}	41.00, -20.79, -11.43
CIE _{LCh}	41, 23.726, 208.788
Yxy	11.8645, 0.2248, 0.3083
Android (android.graphics.Color)	4279724915 (0xFF176B73)
YUV	82.7960, 15.8766, -52.4411
Hunter-Lab	34.4449, -15.4571, -6.8175

Details

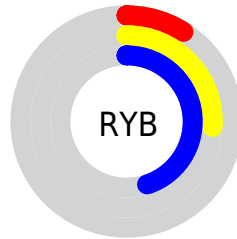
The CIELCh color **41, 23.726, 208.788** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26, 44.890, 36.050**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 23.904, 208.397**, and **22, 17.012, 215.453** is the 20% darker color. If you saturate the color by 10%, you get **40, 24.565, 209.783**, and if you desaturate by 10%, it is **42, 22.363, 208.034**.

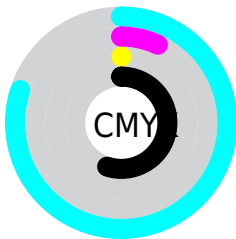
Distribution



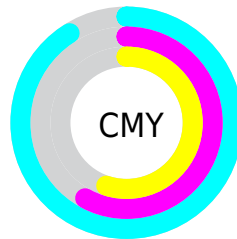
- Red (9%)
- Green (42%)
- Blue (45%)



- Red (9%)
- Yellow (26%)
- Blue (45%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (58%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 23.726, 208.788 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, 23.726, 208.788 by changing the saturation by 10% instead.

 41, 23.726,
208.788

 41, 23.726,
208.788


 100, 23.726,
208.788


 31, 23.726,
208.788

 61, 23.726,
208.788


 21, 23.726,
208.788

 71, 23.726,
208.788

 11, 23.726,
208.788

 81, 23.726,
208.788

 1, 23.726, 208.788

 91, 23.726,
208.788

 0, 23.726, 208.788

 41, 23.726,

 41, 23.726,

208.788

■ 40, 24.565,
209.783

■ 40, 25.104,
210.868

208.788

■ 42, 22.363,
208.034

■ 42, 20.468,
207.497

■ 43, 18.061,
207.147

■ 44, 15.185,
206.958

■ 45, 11.893,
206.905

■ 46, 8.249, 206.969

■ 47, 4.316, 207.151

■ 48, 0.152, 209.720

■ 50, 4.190, 27.457

Harmonies

Complementary

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



41, 23.726, 208.788



26, 44.890, 36.050

Rectangle

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



41, 23.726, 208.788



41, 23.726, 258.788



41, 23.726, 28.788



41, 23.726, 78.788

Sweetspot

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



41, 23.726, 208.787



58, 11.816, 206.928



42, 57.456, 139.158



29, 7.990, 206.913



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, 23.726, 208.787



51, 29.924, 210.762



26, 35.645, 282.112



23, 2.309, 207.189



42, 25.892, 210.943



82, 44.032, 211.875

Inverse Universe

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



28, 55.170, 331.044



34, 71.316, 331.784



36, 38.284, 73.058



22, 4.319, 327.335



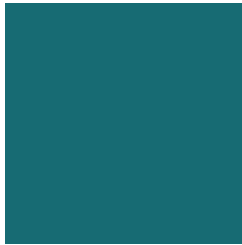
27, 61.928, 331.865



57, 105.369, 332.093

Previews

White Background



This preview shows how the CIE LCh color 41, 23.726, 208.788 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, 23.726, 208.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

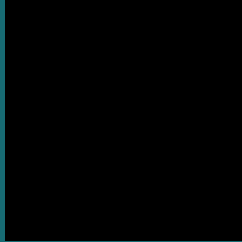
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 23.726, 208.788

Background



This preview shows how black text looks on a background with the CIELCh color 41, 23.726, 208.788.



This preview shows how white text looks on a background with the CIELCh color 41, 23.726, 208.788.

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, 23.726, 208.788

Protanopia

41, 6.686, 287.772

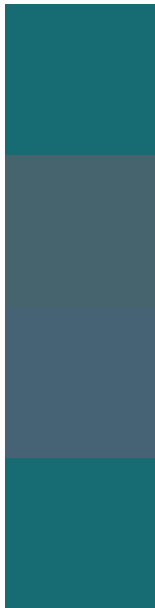
Deuteranopia

41, 14.011, 293.818



Tritanopia
41, 23.726, 208.788

Trichromacy



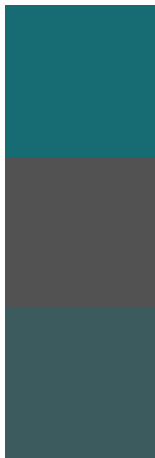
Original Color
41, 23.726, 208.788

Protanomaly
40, 12.581, 227.372

Deuteranomaly
40, 14.461, 244.556

Tritanomaly
41, 23.726, 208.788

Monochromacy



Original Color
41, 23.726, 208.788

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 11.783, 207.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 23.726, 208.788 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(23, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(23, 107, 115)  
}
```

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(23, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 107, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 23.726, 208.788 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(23, 107, 115) }
```

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

```
.border{ border-color:rgb(23, 107, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(23, 107,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 23.726, 208.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 107, 115) }
```

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

```
.background{ background-color: rgb(23, 107,  
115) }
```

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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