

Converting Colors

CIELCh(41, 16.627, 224.035)

Have a look what the booklet for
CIELCh(41, 16.627, 224.035)
contains.

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Color

CIELCh(41, 16.606, 224.076)

Conversions

Conversions Part 1

Format	Color
Hex	3A6773
RGB	58, 103, 115
RGB Percent	23%, 40%, 45%
CMY	0.7721, 0.5957, 0.5486
CMYK	0.50, 0.10, 0.00, 0.55
HSL	193°, 33%, 34%
HSV	193°, 50%, 45%
XYZ	9.7126, 11.8645, 18.0302
YIQ	90.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

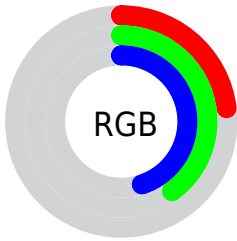
Format	Color
R_{YB}	58, 83, 115
Decimal	3827571
CIE _{Lab}	41.00, -11.93, -11.55
CIE _{LCh}	41, 16.606, 224.076
Yxy	11.8645, 0.2452, 0.2996
Android (android.graphics.Color)	4282017651 (0xFF3A6773)
YUV	90.9130, 11.8749, -28.8647
Hunter-Lab	34.4449, -9.9460, -6.9238

Details

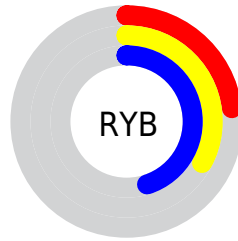
The CIELCh color **41, 16.606, 224.076** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 23.532, 40.652**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 16.644, 224.499**, and **21, 16.568, 224.065** is the 20% darker color. If you saturate the color by 10%, you get **40, 18.983, 225.526**, and if you desaturate by 10%, it is **42, 13.835, 222.960**.

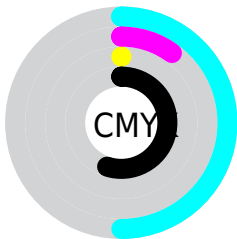
Distribution



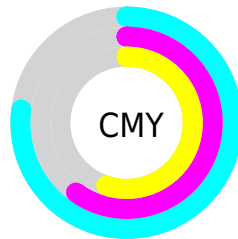
- Red (23%)
- Green (40%)
- Blue (45%)



- Red (23%)
- Yellow (33%)
- Blue (45%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)





- Cyan (77%)
- Magenta (60%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 16.606, 224.076 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, 16.606, 224.076 by changing the saturation by 10% instead.


 41, 16.606,
224.076


 41, 16.606,
224.076


 100, 16.606,
224.076


 31, 16.606,
224.076

 61, 16.606,
224.076


 21, 16.606,
224.076

 71, 16.606,
224.076


 11, 16.606,
224.076


 81, 16.606,
224.076

 1, 16.606, 224.076

 91, 16.606,
224.076

 0, 16.606, 224.076

 41, 16.606,

 41, 16.606,

224.076

■ 40, 18.983,
225.526

■ 39, 20.934,
227.386

■ 37, 22.443,
229.730

■ 36, 23.532,
232.626

■ 35, 24.404,
235.836

■ 35, 24.448,
235.986

224.076

■ 42, 13.835,
222.960

■ 44, 10.718,
222.121

■ 45, 7.308, 221.510

■ 47, 3.657, 221.106

■ 49, 0.188, 38.776

■ 50, 4.184, 40.398

■ 52, 8.294, 40.318

■ 54, 12.488, 40.276

■ 56, 16.740, 40.277

Harmonies

Complementary

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



41, 16.606, 224.076



35, 23.532, 40.652

Rectangle

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



41, 16.606, 224.076



41, 16.606, 274.076



41, 16.606, 44.076



41, 16.606, 94.076

Sweetspot

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



41, 16.606, 224.074



59, 7.074, 221.317



44, 35.436, 146.413



30, 4.842, 221.391



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, 16.606, 224.074



51, 23.305, 225.697



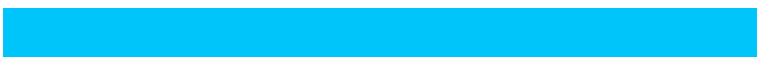
32, 25.562, 281.937



24, 2.199, 221.093



38, 25.564, 236.273



74, 43.639, 238.714

Inverse Universe

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



33, 35.174, 334.068



41, 50.826, 334.862



42, 25.184, 87.601



23, 4.109, 331.406



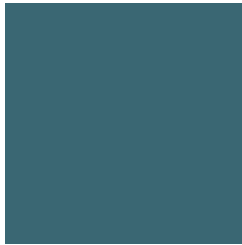
27, 57.346, 338.354



56, 96.423, 339.052

Previews

White Background



This preview shows how the CIE LCh color 41, 16.606, 224.076 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 CIE LCh color 41, 16.606, 224.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

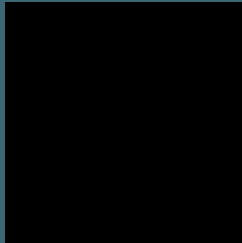
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

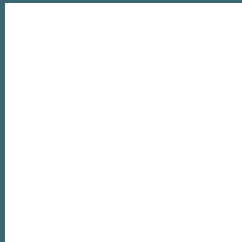
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 16.606, 224.076

Background



This preview shows how black text looks on a background with the CIELCh color 41, 16.606, 224.076.

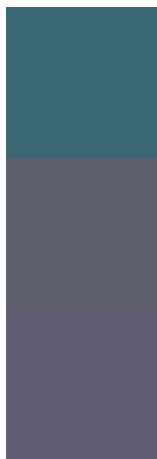


This preview shows how white text looks on a background with the CIELCh color 41, 16.606, 224.076.

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, 16.606, 224.076

Protanopia

41, 8.522, 286.175

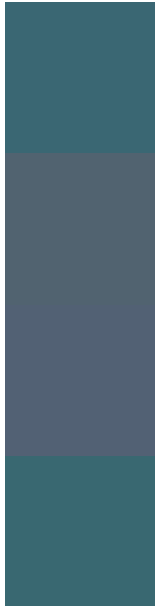
Deuteranopia

41, 14.011, 293.818



Tritanopia
41, 16.633, 214.761

Trichromacy



Original Color
41, 16.606, 224.076

Protanomaly
41, 10.202, 249.848

Deuteranomaly
41, 12.628, 265.879

Tritanomaly
41, 16.715, 216.908

Monochromacy



Original Color
41, 16.606, 224.076

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 6.911, 225.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 16.606, 224.076 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(58, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(58, 103, 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(58, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 103, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 16.606, 224.076 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(58, 103, 115) }
```

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

```
.border{ border-color:rgb(58, 103, 115) }
```

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

Here you see how a box with a 4 pixel rgb(58, 103, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(58, 103,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 16.606, 224.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 103, 115) }
```

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

```
.background{ background-color: rgb(58, 103,  
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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