

Converting Colors

CIELCh(41, 20.888, 270.142)

Have a look what the booklet for
CIELCh(41, 20.888, 270.142)
contains.

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Color

CIELCh(41, 21.211, 270.873)

Conversions

Conversions Part 1

Format	Color
Hex	4A6283
RGB	74, 98, 131
RGB Percent	29%, 38%, 51%
CMY	0.7093, 0.6152, 0.4857
CMYK	0.43, 0.25, 0.00, 0.49
HSL	215°, 28%, 40%
HSV	215°, 43%, 51%
XYZ	11.3214, 11.8645, 23.2169
YIQ	94.5860, -24.8970, 5.1750

Conversions

Conversions Part 2

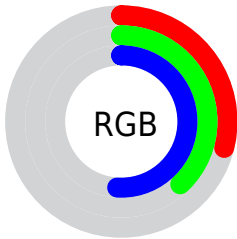
Format	Color
R_{YB}	74, 91, 131
Decimal	4874883
CIE _{Lab}	41.00, 0.32, -21.21
CIE _{LCh}	41, 21.211, 270.873
Yxy	11.8645, 0.2440, 0.2557
Android (android.graphics.Color)	4283064963 (0xFF4A6283)
YUV	94.5860, 17.9521, -18.0539
Hunter-Lab	34.4449, -1.6088, -15.8517

Details

The CIELCh color **41, 21.211, 270.873** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **47, 22.559, 77.919**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 20.963, 269.925**, and **21, 20.837, 270.299** is the 20% darker color. If you saturate the color by 10%, you get **38, 26.114, 273.402**, and if you desaturate by 10%, it is **44, 16.317, 268.705**.

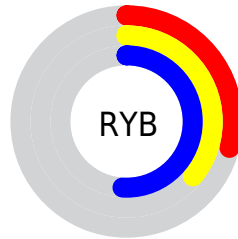
Distribution



Red (29%)

Green (38%)

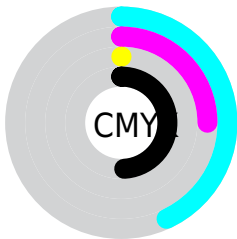
Blue (51%)



Red (29%)

Yellow (36%)

Blue (51%)

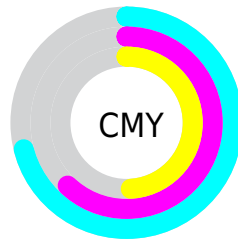


Cyan (43%)

Magenta (25%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 21.211, 270.873 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, 21.211, 270.873 by changing the saturation by 10% instead.

■ 41, 21.211,
270.873

■ 41, 21.211,
270.873

■ 100, 21.211,
270.873

■ 31, 21.211,
270.873

■ 61, 21.211,
270.873

■ 21, 21.211,
270.873

■ 71, 21.211,
270.873

■ 11, 21.211,
270.873

■ 81, 21.211,
270.873

■ 1, 21.211, 270.873

■ 91, 21.211,
270.873

■ 0, 21.211, 270.873

■ 41, 21.211,

■ 41, 21.211,

270.873

270.873

■ 38, 26.114,
273.402

■ 44, 16.317,
268.705

■ 35, 31.044,
276.326

■ 47, 11.430,
266.855

■ 32, 36.031,
279.649

■ 50, 6.551, 265.284

■ 29, 41.113,
283.327

■ 54, 1.687, 264.022

■ 57, 3.155, 82.646

■ 27, 46.324,
287.243

■ 60, 7.966, 81.672

■ 25, 49.827,
289.636

■ 63, 12.738, 80.796

■ 67, 17.467, 80.022

■ 70, 22.146, 79.335

Harmonies

Complementary

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



41, 21.211, 270.873



47, 22.559, 77.919

Rectangle

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



41, 21.211, 270.873



41, 21.211, 320.873



41, 21.211, 90.873



41, 21.211, 140.873

Sweetspot

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



41, 21.210, 270.873



65, 7.851, 265.260



50, 25.978, 163.095



33, 5.538, 265.544



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 21.210, 270.873



50, 31.525, 273.329



34, 35.717, 297.801



26, 2.767, 264.686



25, 49.484, 289.600



0, 0.662, 263.471

Inverse Universe

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



39, 27.690, 352.802



47, 40.834, 354.342



53, 32.044, 109.216



26, 3.528, 348.871



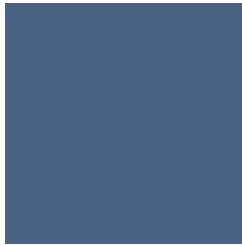
27, 51.244, 8.009



0, 0.834, 348.139

Previews

White Background



This preview shows how the CIE LCh color 41, 21.211, 270.873 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, 21.211, 270.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

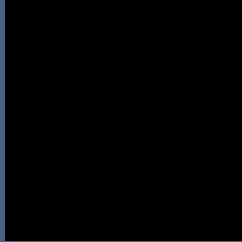
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

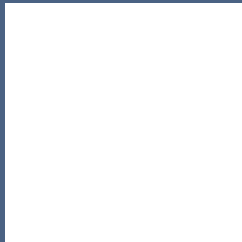
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 21.211, 270.873

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.211, 270.873.

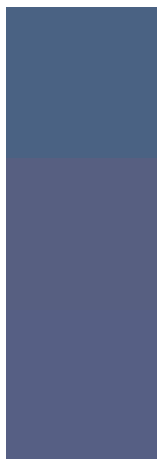


This preview shows how white text looks on a background with the CIELCh color 41, 21.211, 270.873.

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, 21.211, 270.873

Protanopia

41, 20.752, 285.415

Deuteranopia

41, 22.575, 285.542



Tritanopia
41, 13.060, 220.068

Trichromacy



Original Color
41, 21.211, 270.873

Protanomaly
41, 21.018, 279.924

Deuteranomaly
41, 22.183, 280.925

Tritanomaly
41, 14.656, 243.555

Monochromacy



Original Color
41, 21.211, 270.873

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 8.007, 265.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.211, 270.873 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(74, 98, 131)` looks like.

```
.text, #text, p{  
    color:rgb(74, 98, 131)  
}
```

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(74, 98, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 98, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.211, 270.873 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(74, 98, 131) }
```

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

```
.border{ border-color:rgb(74, 98, 131) }
```

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

Here you see how a box with a 4 pixel rgb(74, 98, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 98, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 98, 131);  
box-shadow:4px 4px 4px 4px rgb(74, 98,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.211, 270.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 98, 131) }
```

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

```
.background{ background-color: rgb(74, 98,  
131) }
```

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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