

Converting Colors

CIELCh(41, 19.572, 268.072)

Have a look what the booklet for
CIELCh(41, 19.572, 268.072)
contains.

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Color

CIELCh(41, 19.598, 268.291)

Conversions

Conversions Part 1

Format	Color
Hex	4A6280
RGB	74, 98, 128
RGB Percent	29%, 38%, 50%
CMY	0.7080, 0.6139, 0.4962
CMYK	0.42, 0.23, 0.00, 0.50
HSL	213°, 27%, 40%
HSV	213°, 42%, 50%
XYZ	11.1966, 11.8645, 22.2857
YIQ	94.2440, -23.9340, 4.2420

Conversions

Conversions Part 2

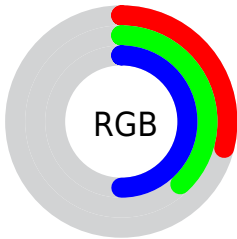
Format	Color
R_{YB}	74, 91, 128
Decimal	4874880
CIE _{Lab}	41.00, -0.58, -19.59
CIE _{LCh}	41, 19.598, 268.291
Yxy	11.8645, 0.2469, 0.2616
Android (android.graphics.Color)	4283064960 (0xFF4A6280)
YUV	94.2440, 16.6417, -17.7540
Hunter-Lab	34.4449, -2.2558, -14.2489

Details

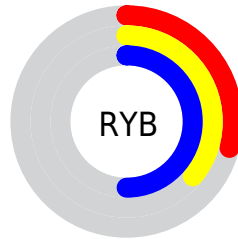
The CIELCh color **41, 19.598, 268.291** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **46, 21.129, 75.916**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 19.452, 267.648**, and **21, 19.690, 267.997** is the 20% darker color. If you saturate the color by 10%, you get **38, 24.220, 270.779**, and if you desaturate by 10%, it is **44, 14.957, 266.165**.

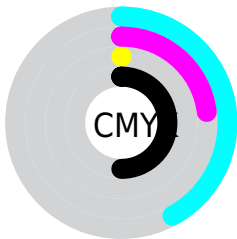
Distribution



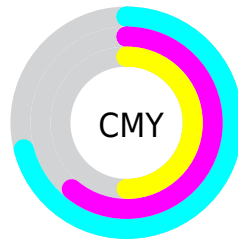
- Red (29%)
- Green (38%)
- Blue (50%)



- Red (29%)
- Yellow (36%)
- Blue (50%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (50%)





- Cyan (71%)
- Magenta (61%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.598, 268.291 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, 19.598, 268.291 by changing the saturation by 10% instead.


 41, 19.598,
268.291


 41, 19.598,
268.291


 100, 19.598,
268.291


 31, 19.598,
268.291

 61, 19.598,
268.291


 21, 19.598,
268.291

 71, 19.598,
268.291


 11, 19.598,
268.291


 81, 19.598,
268.291

 1, 19.598, 268.291

 91, 19.598,
268.291

 0, 19.598, 268.291

 41, 19.598,

 41, 19.598,

268.291

■ 38, 24.220,
270.779

■ 35, 28.837,
273.670

■ 32, 33.475,
276.976

■ 30, 38.174,
280.669

■ 27, 42.979,
284.652

■ 25, 46.927,
287.680

268.291

■ 44, 14.957,
266.165

■ 47, 10.300,
264.357

■ 50, 5.631, 262.827

■ 53, 0.959, 261.703

■ 56, 3.704, 80.254

■ 59, 8.349, 79.301

■ 62, 12.967, 78.448

■ 65, 17.551, 77.696

■ 68, 22.095, 77.030

Harmonies

Complementary

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



41, 19.598, 268.291



46, 21.129, 75.916

Rectangle

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



41, 19.598, 268.291



41, 19.598, 318.291



41, 19.598, 88.291



41, 19.598, 138.291

Sweetspot

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



41, 19.597, 268.290



63, 7.485, 263.004



50, 25.112, 162.335



32, 5.278, 263.283



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 19.597, 268.290



49, 28.661, 270.536



34, 33.864, 297.080



25, 2.619, 262.428



25, 46.633, 287.645



0, 0.000, 0.000

Inverse Universe

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



39, 26.644, 351.103



46, 38.791, 352.439



52, 30.511, 108.579



25, 3.464, 347.484



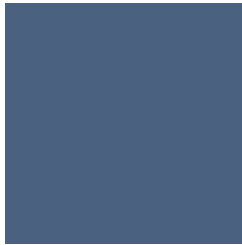
26, 50.507, 5.721



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 41, 19.598, 268.291 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, 19.598, 268.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

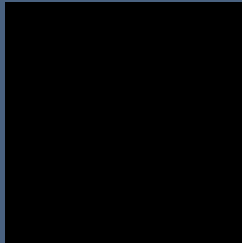
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

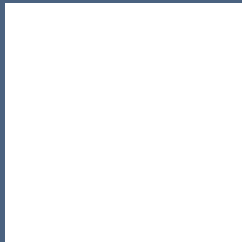
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 19.598, 268.291

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.598, 268.291.

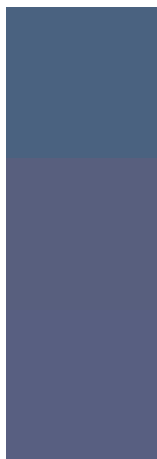


This preview shows how white text looks on a background with the CIELCh color 41, 19.598, 268.291.

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, 19.598, 268.291

Protanopia

41, 18.925, 285.345

Deuteranopia

41, 20.718, 286.357



Tritanopia
41, 12.768, 220.626

Trichromacy



Original Color
41, 19.598, 268.291

Protanomaly
41, 19.209, 279.202

Deuteranomaly
41, 20.373, 280.297

Tritanomaly
41, 14.075, 242.413

Monochromacy



Original Color
41, 19.598, 268.291

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 7.313, 265.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.598, 268.291 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(74, 98, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 98, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.598, 268.291 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, 128) }
```

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

```
.border{ border-color:rgb(74, 98, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 98, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 98, 128);  
box-shadow:4px 4px 4px 4px rgb(74, 98,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.598, 268.291 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, 128) }
```

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

```
.background{ background-color: rgb(74, 98,  
128) }
```

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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