

Converting Colors

CIELCh(41, 19.834, 253.050)

Have a look what the booklet for
CIELCh(41, 19.834, 253.050)
contains.

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Color

CIELCh(41, 19.693, 252.284)

Conversions

Conversions Part 1

Format	Color
Hex	3E657F
RGB	62, 101, 127
RGB Percent	24%, 40%, 50%
CMY	0.7568, 0.6039, 0.5019
CMYK	0.51, 0.20, 0.00, 0.50
HSL	204°, 34%, 37%
HSV	204°, 51%, 50%
XYZ	10.4717, 11.8645, 21.8181
YIQ	92.3030, -31.5900, -0.1820

Conversions

Conversions Part 2

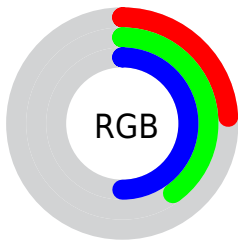
Format	Color
R_{YB}	62, 86, 127
Decimal	4089215
CIE _{Lab}	41.00, -5.99, -18.76
CIE _{LCh}	41, 19.693, 252.284
Yxy	11.8645, 0.2372, 0.2687
Android (android.graphics.Color)	4282279295 (0xFF3E657F)
YUV	92.3030, 17.1056, -26.5757
Hunter-Lab	34.4449, -6.0124, -13.4440

Details

The CIELCh color **41, 19.693, 252.284** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41, 25.008, 59.120**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 19.670, 252.400**, and **21, 19.933, 253.358** is the 20% darker color. If you saturate the color by 10%, you get **39, 22.977, 255.081**, and if you desaturate by 10%, it is **43, 16.196, 249.958**.

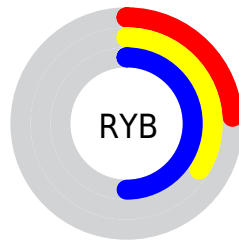
Distribution



Red (24%)

Green (40%)

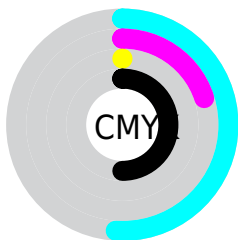
Blue (50%)



Red (24%)

Yellow (34%)

Blue (50%)

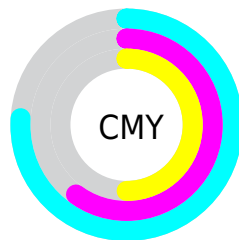


Cyan (51%)

Magenta (20%)

Yellow (0%)

Black (50%)



Cyan (76%)

Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 19.693, 252.284 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, 19.693, 252.284 by changing the saturation by 10% instead.

■ 41, 19.693,
252.284

■ 41, 19.693,
252.284

■ 100, 19.693,
252.284

■ 31, 19.693,
252.284

■ 61, 19.693,
252.284

■ 21, 19.693,
252.284

■ 71, 19.693,
252.284

■ 11, 19.693,
252.284

■ 81, 19.693,
252.284

■ 1, 19.693, 252.284

■ 91, 19.693,
252.284

■ 0, 19.693, 252.284

■ 41, 19.693,

■ 41, 19.693,

252.284

■ 39, 22.977,
255.081

■ 37, 26.055,
258.407

■ 35, 28.960,
262.287

■ 33, 31.759,
266.687

■ 31, 34.280,
270.592

252.284

■ 43, 16.196,
249.958

■ 46, 12.502,
248.037

■ 48, 8.635, 246.457

■ 50, 4.623, 245.171

■ 53, 0.497, 244.648

■ 55, 3.717, 63.009

■ 58, 7.994, 62.287

■ 60, 12.315, 61.651

■ 63, 16.661, 61.105

Harmonies

Complementary

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



41, 19.693, 252.284



41, 25.008, 59.120

Rectangle

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



41, 19.693, 252.284



41, 19.693, 302.284



41, 19.693, 72.284



41, 19.693, 122.284

Sweetspot

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



41, 19.692, 252.283



63, 7.668, 245.673



48, 34.311, 153.018



33, 5.259, 245.902



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, 19.692, 252.283



50, 28.390, 255.474



32, 36.371, 292.683



26, 2.345, 244.943



31, 34.386, 270.614



0, 0.000, 0.000

Inverse Universe

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



36, 34.732, 343.125



43, 50.074, 344.529



50, 32.816, 99.640



25, 3.850, 339.248



27, 52.571, 351.846



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 19.693, 252.284 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, 19.693, 252.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

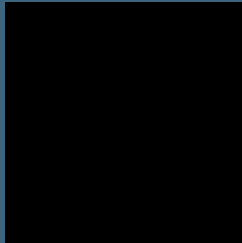
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

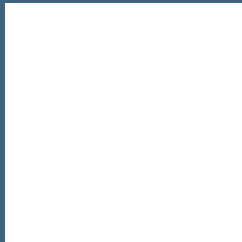
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 19.693, 252.284

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.693, 252.284.

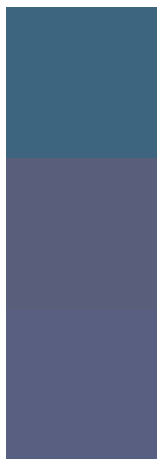


This preview shows how white text looks on a background with the CIELCh color 41, 19.693, 252.284.

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, 19.693, 252.284

Protanopia

41, 17.095, 285.351

Deuteranopia

41, 20.120, 286.035



Tritanopia
41, 16.633, 214.761

Trichromacy



Original Color
41, 19.693, 252.284

Protanomaly
41, 17.340, 271.168

Deuteranomaly
41, 19.569, 274.429

Tritanomaly
41, 16.749, 228.669

Monochromacy



Original Color
41, 19.693, 252.284

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 8.032, 248.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.693, 252.284 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(62, 101, 127)` looks like.

```
.text, #text, p{  
    color:rgb(62, 101, 127)  
}
```

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(62, 101, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 101, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.693, 252.284 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(62, 101, 127) }
```

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

```
.border{ border-color:rgb(62, 101, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 101, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 101, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 101, 127);  
box-shadow:4px 4px 4px 4px rgb(62, 101,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.693, 252.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 101, 127) }
```

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

```
.background{ background-color: rgb(62, 101,  
127) }
```

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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