

Converting Colors

CIELCh(41, 14.597, 254.863)

Have a look what the booklet for
CIELCh(41, 14.597, 254.863)
contains.

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Color

CIELCh(41, 14.255, 253.146)

Conversions

Conversions Part 1

Format	Color
Hex	4B6477
RGB	75, 100, 119
RGB Percent	29%, 39%, 47%
CMY	0.7071, 0.6090, 0.5346
CMYK	0.37, 0.16, 0.00, 0.53
HSL	206°, 23%, 38%
HSV	206°, 37%, 47%
XYZ	10.7173, 11.8645, 19.0799
YIQ	94.6910, -20.9990, 0.6090

Conversions

Conversions Part 2

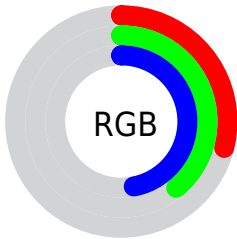
Format	Color
R_{YB}	75, 91, 119
Decimal	4940919
CIE _{Lab}	41.00, -4.13, -13.64
CIE _{LCh}	41, 14.255, 253.146
Yxy	11.8645, 0.2572, 0.2848
Android (android.graphics.Color)	4283130999 (0xFF4B6477)
YUV	94.6910, 11.9843, -17.2690
Hunter-Lab	34.4449, -4.7396, -8.7308

Details

The CIELCh color **41, 14.255, 253.146** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 16.455, 63.803**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 14.168, 251.816**, and **21, 14.667, 255.221** is the 20% darker color. If you saturate the color by 10%, you get **39, 17.806, 255.346**, and if you desaturate by 10%, it is **43, 10.559, 251.309**.

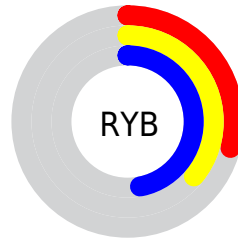
Distribution



Red (29%)

Green (39%)

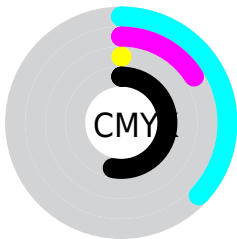
Blue (47%)



Red (29%)

Yellow (36%)

Blue (47%)

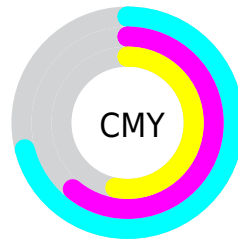


Cyan (37%)

Magenta (16%)

Yellow (0%)

Black (53%)



Cyan (71%)


Magenta (61%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 14.255, 253.146 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, 14.255, 253.146 by changing the saturation by 10% instead.


 41, 14.255,
253.146


 41, 14.255,
253.146


 100, 14.255,
253.146


 31, 14.255,
253.146

 61, 14.255,
253.146


 21, 14.255,
253.146

 71, 14.255,
253.146


 11, 14.255,
253.146


 81, 14.255,
253.146

 1, 14.255, 253.146

 91, 14.255,
253.146

 0, 14.255, 253.146

 41, 14.255,

 41, 14.255,

253.146

■ 39, 17.806,
255.346

■ 36, 21.200,
257.978

■ 34, 24.438,
261.093

■ 32, 27.544,
264.723

■ 30, 30.566,
268.850

■ 28, 33.608,
273.228

■ 28, 34.538,
274.416

253.146

■ 43, 10.559,
251.309

■ 46, 6.740, 249.787

■ 48, 2.821, 248.560

■ 51, 1.176, 67.132

■ 53, 5.230, 66.406

■ 56, 9.321, 65.650

■ 58, 13.435, 64.991

■ 61, 17.557, 64.418

■ 63, 21.679, 63.918

Harmonies

Complementary

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



41, 14.255, 253.146



42, 16.455, 63.803

Rectangle

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



41, 14.255, 253.146



41, 14.255, 303.146



41, 14.255, 73.146



41, 14.255, 123.146

Sweetspot

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



41, 14.254, 253.144



61, 5.457, 249.038



46, 23.261, 156.199



31, 3.691, 249.168



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 14.254, 253.144



51, 20.842, 254.889



35, 25.215, 291.409



23, 2.221, 248.773



29, 35.404, 274.591



58, 62.924, 277.490

Inverse Universe

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



37, 23.661, 343.262



46, 34.878, 344.121



48, 23.439, 102.898



23, 3.511, 340.769



26, 50.407, 354.350



54, 84.732, 356.407

Previews

White Background



This preview shows how the CIE LCh color 41, 14.255, 253.146 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, 14.255, 253.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

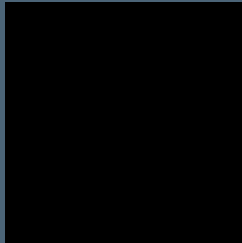
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

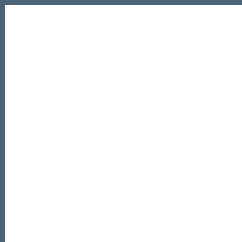
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 14.255, 253.146

Background



This preview shows how black text looks on a background with the CIELCh color 41, 14.255, 253.146.



This preview shows how white text looks on a background with the CIELCh color 41, 14.255, 253.146.

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, 14.255, 253.146

Protanopia

41, 12.200, 284.830

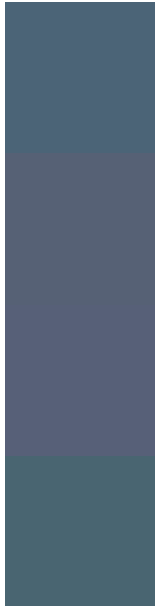
Deuteranopia

41, 15.819, 292.526



Tritanopia
41, 11.591, 223.213

Trichromacy



Original Color
41, 14.255, 253.146

Protanomaly
41, 12.687, 273.158

Deuteranomaly
41, 14.849, 279.464

Tritanomaly
41, 12.279, 235.047

Monochromacy



Original Color
41, 14.255, 253.146

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.491, 250.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 14.255, 253.146 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(75, 100, 119)` looks like.

```
.text, #text, p{  
    color:rgb(75, 100, 119)  
}
```

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(75, 100, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 100, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 14.255, 253.146 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(75, 100, 119) }
```

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

```
.border{ border-color:rgb(75, 100, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 100, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 100, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 100, 119);  
box-shadow:4px 4px 4px 4px rgb(75, 100,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 14.255, 253.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 100, 119) }
```

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

```
.background{ background-color: rgb(75, 100,  
119) }
```

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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