

Converting Colors

CIELCh(41, 12.357, 254.398)

Have a look what the booklet for
CIELCh(41, 12.357, 254.398)
contains.

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Color

CIELCh(41, 12.415, 255.527)

Conversions

Conversions Part 1

Format	Color
Hex	4F6374
RGB	79, 99, 116
RGB Percent	31%, 39%, 45%
CMY	0.6899, 0.6115, 0.5448
CMYK	0.32, 0.15, 0.00, 0.54
HSL	208°, 19%, 38%
HSV	208°, 32%, 46%
XYZ	10.8550, 11.8645, 18.2625
YIQ	94.9580, -17.3770, 1.0470

Conversions

Conversions Part 2

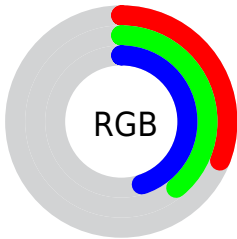
Format	Color
R_{YB}	79, 92, 116
Decimal	5202804
CIE _{Lab}	41.00, -3.10, -12.02
CIE _{LCh}	41, 12.415, 255.527
Yxy	11.8645, 0.2649, 0.2895
Android (android.graphics.Color)	4283392884 (0xFF4F6374)
YUV	94.9580, 10.3737, -13.9952
Hunter-Lab	34.4449, -4.0260, -7.3237

Details

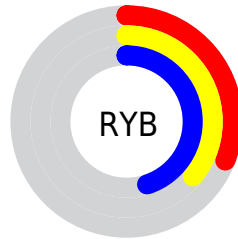
The CIELCh color **41, 12.415, 255.527** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 13.798, 67.357**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 12.357, 254.398**, and **21, 12.408, 253.893** is the 20% darker color. If you saturate the color by 10%, you get **39, 16.115, 257.568**, and if you desaturate by 10%, it is **43, 8.609, 253.812**.

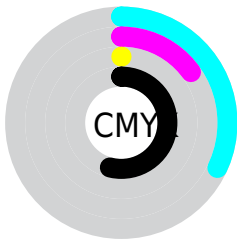
Distribution



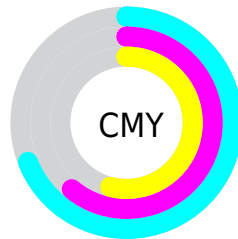
- Red (31%)
- Green (39%)
- Blue (45%)



- Red (31%)
- Yellow (36%)
- Blue (45%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 12.415, 255.527 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, 12.415, 255.527 by changing the saturation by 10% instead.

■ 41, 12.415,
255.527

■ 41, 12.415,
255.527

■ 100, 12.415,
255.527

■ 31, 12.415,
255.527

■ 61, 12.415,
255.527

■ 21, 12.415,
255.527

■ 71, 12.415,
255.527

■ 11, 12.415,
255.527

■ 81, 12.415,
255.527

■ 1, 12.415, 255.527

■ 91, 12.415,
255.527

■ 0, 12.415, 255.527

■ 41, 12.415,

■ 41, 12.415,

255.527

■ 39, 16.115,
257.568

■ 36, 19.697,
260.001

■ 34, 23.158,
262.875

■ 32, 26.513,
266.230

■ 30, 29.797,
270.066

■ 28, 33.070,
274.322

■ 26, 35.824,
277.645

255.527

■ 43, 8.609, 253.812

■ 46, 4.715, 252.389

■ 48, 0.754, 251.464

■ 51, 3.256, 69.986

■ 53, 7.298, 69.143

■ 56, 11.358, 68.392

■ 59, 15.424, 67.735

■ 61, 19.485, 67.159

■ 64, 23.532, 66.652

Harmonies

Complementary

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



41, 12.415, 255.527



42, 13.798, 67.357

Rectangle

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



41, 12.415, 255.527



41, 12.415, 305.527



41, 12.415, 75.527



41, 12.415, 125.527

Sweetspot

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



41, 12.414, 255.524



59, 4.917, 252.185



46, 19.205, 158.321



30, 3.377, 252.324



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, 12.414, 255.524



51, 18.152, 256.934



36, 21.887, 291.970



23, 2.259, 252.039



28, 37.401, 277.941



56, 66.674, 280.751

Inverse Universe

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



38, 19.644, 344.221



47, 28.944, 344.958



47, 20.484, 105.035



23, 3.444, 342.170



25, 49.916, 356.746



54, 84.018, 358.999

Previews

White Background



This preview shows how the CIELCh color 41, 12.415, 255.527 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, 12.415, 255.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

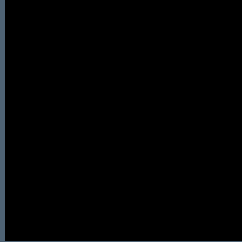
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

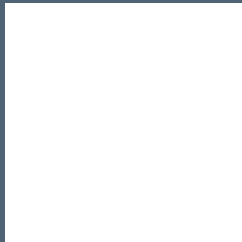
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 12.415, 255.527

Background



This preview shows how black text looks on a background with the CIELCh color 41, 12.415, 255.527.

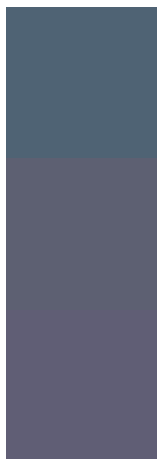


This preview shows how white text looks on a background with the CIELCh color 41, 12.415, 255.527.

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, 12.415, 255.527

Protanopia

41, 10.963, 285.772

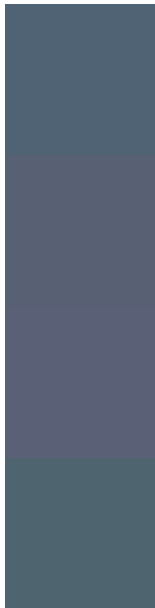
Deuteranopia

41, 14.031, 295.374



Tritanopia
41, 9.795, 228.423

Trichromacy



Original Color
41, 12.415, 255.527

Protanomaly
41, 11.344, 274.366

Deuteranomaly
41, 12.891, 281.995

Tritanomaly
41, 10.393, 238.848

Monochromacy



Original Color
41, 12.415, 255.527

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.039, 257.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 12.415, 255.527 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(79, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(79, 99, 116)  
}
```

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(79, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 99, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 12.415, 255.527 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(79, 99, 116) }
```

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

```
.border{ border-color:rgb(79, 99, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 99, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(79, 99,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 12.415, 255.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 99, 116) }
```

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

```
.background{ background-color: rgb(79, 99,  
116) }
```

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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