

Converting Colors

CIELCh(41, 13.580, 290.943)

Have a look what the booklet for
CIELCh(41, 13.580, 290.943)
contains.

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Color

CIELCh(41, 13.368, 290.538)

Conversions

Conversions Part 1

Format	Color
Hex	5E5F75
RGB	94, 95, 117
RGB Percent	37%, 37%, 46%
CMY	0.6311, 0.6272, 0.5409
CMYK	0.20, 0.19, 0.00, 0.54
HSL	237°, 11%, 41%
HSV	237°, 20%, 46%
XYZ	11.9351, 11.8645, 18.5106
YIQ	97.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

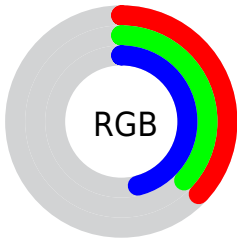
Format	Color
R_{YB}	94, 95, 117
Decimal	6184821
CIE Lab	41.00, 4.69, -12.52
CIE LCh	41, 13.368, 290.538
Yxy	11.8645, 0.2821, 0.2804
Android (android.graphics.Color)	4284374901 (0xFF5E5F75)
YUV	97.2090, 9.7570, -2.8143
Hunter-Lab	34.4449, 1.5711, -7.7509

Details

The CIELCh color $41, 13.368, 290.538$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 12.853, 106.511$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 13.533, 291.677$, and $21, 13.543, 289.879$ is the 20% darker color. If you saturate the color by 10%, you get $37, 20.559, 291.905$, and if you desaturate by 10%, it is $45, 6.446, 289.367$.

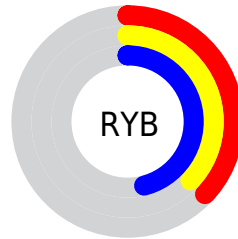
Distribution



 Red (37%)

 Green (37%)

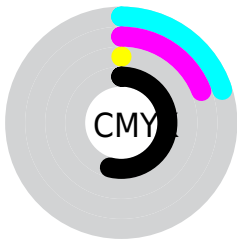
 Blue (46%)



 Red (37%)

 Yellow (37%)

 Blue (46%)

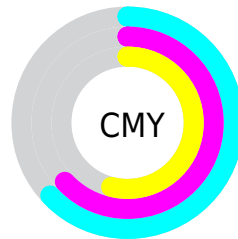


 Cyan (20%)


 Magenta (19%)

 Yellow (0%)

 Black (54%)



 Cyan (63%)


 Magenta (63%)


 Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 13.368, 290.538 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, 13.368, 290.538 by changing the saturation by 10% instead.


 41, 13.368,
290.538


 41, 13.368,
290.538


 100, 13.368,
290.538


 31, 13.368,
290.538

 61, 13.368,
290.538


 21, 13.368,
290.538

 71, 13.368,
290.538


 11, 13.368,
290.538


 81, 13.368,
290.538

 1, 13.368, 290.538

 91, 13.368,
290.538

 0, 13.368, 290.538

 41, 13.368,

 41, 13.368,

290.538

■ 37, 20.559,
291.905

■ 33, 28.040,
293.497

■ 28, 35.816,
295.328

■ 24, 43.857,
297.386

■ 20, 52.032,
299.608

■ 17, 60.004,
301.849

■ 14, 67.093,
303.864

■ 12, 72.693,
305.343

290.538

■ 45, 6.446, 289.367

■ 49, 0.224, 108.108

■ 54, 6.662, 107.483

■ 58, 12.883,
106.744

■ 62, 18.903,
106.104

■ 66, 24.733,
105.546

■ 70, 30.385,
105.060

■ 74, 35.869,
104.633

■ 78, 41.196,

■ 12, 72.890,
305.392

104.257

Harmonies

Complementary

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



41, 13.368, 290.538



48, 12.853, 106.511

Rectangle

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



41, 13.368, 290.538



41, 13.368, 340.538



41, 13.368, 110.538



41, 13.368, 160.538

Sweetspot

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



41, 13.367, 290.536



60, 4.963, 289.003



47, 8.910, 194.050



30, 3.275, 289.051



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, 13.367, 290.536



51, 20.522, 291.190



42, 14.583, 308.226



22, 3.762, 289.302



13, 75.373, 305.436



32, 130.072, 305.928

Inverse Universe

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



42, 9.953, 17.282



53, 15.396, 17.789



48, 14.176, 126.422



23, 2.752, 16.336



24, 57.837, 36.261



52, 101.317, 38.796

Previews

White Background



This preview shows how the CIELCh color 41, 13.368, 290.538 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, 13.368, 290.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

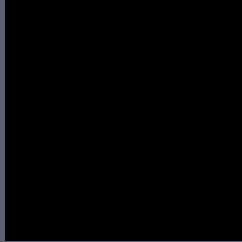
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

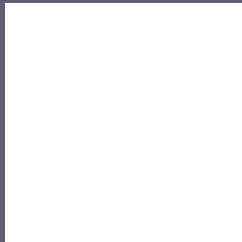
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 13.368, 290.538

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.368, 290.538.



This preview shows how white text looks on a background with the CIELCh color 41, 13.368, 290.538.

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, 13.368, 290.538

Protanopia

41, 13.401, 285.706

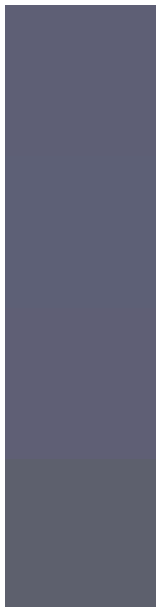
Deuteranopia

41, 13.380, 293.793



Tritanopia
41, 5.209, 268.413

Trichromacy



Original Color
41, 13.368, 290.538

Protanomaly
41, 13.372, 287.297

Deuteranomaly
41, 13.369, 292.162

Tritanomaly
41, 7.960, 282.854

Monochromacy



Original Color
41, 13.368, 290.538

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 4.860, 290.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.368, 290.538 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(94, 95, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 95, 117)  
}
```

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(94, 95, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 95, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.368, 290.538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

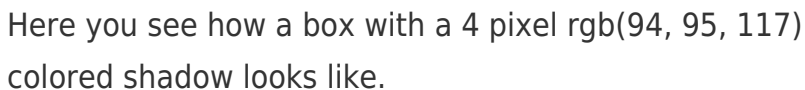
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 95, 117) }
```

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

```
.border{ border-color:rgb(94, 95, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 95, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 95, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 95, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 95,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.368, 290.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 95, 117) }
```

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

```
.background{ background-color: rgb(94, 95,  
117) }
```

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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