

Converting Colors

CIELCh(41, 4.362, 284.470)

Have a look what the booklet for
CIELCh(41, 4.362, 284.470) contains.

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Color

CIELCh(41, 4.871, 286.171)

Conversions

Conversions Part 1

Format	Color
Hex	5F6068
RGB	95, 96, 104
RGB Percent	37%, 38%, 41%
CMY	0.6264, 0.6225, 0.5911
CMYK	0.09, 0.08, 0.00, 0.59
HSL	233°, 5%, 39%
HSV	233°, 9%, 41%
XYZ	11.4647, 11.8645, 14.8526
YIQ	96.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

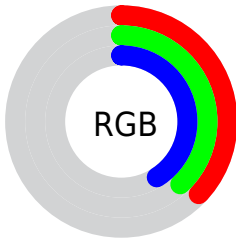
Format	Color
R_{YB}	95, 96, 104
Decimal	6250600
CIE Lab	41.00, 1.36, -4.68
CIE LCh	41, 4.871, 286.171
Yxy	11.8645, 0.3003, 0.3107
Android (android.graphics.Color)	4284440680 (0xFF5F6068)
YUV	96.6130, 3.6418, -1.4146
Hunter-Lab	34.4449, -0.8664, -1.4542

Details

The CIELCh color **41, 4.871, 286.171** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 4.797, 104.389**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 5.083, 286.502**, and **21, 4.750, 285.953** is the 20% darker color. If you saturate the color by 10%, you get **37, 10.678, 287.347**, and if you desaturate by 10%, it is **45, 0.750, 105.029**.

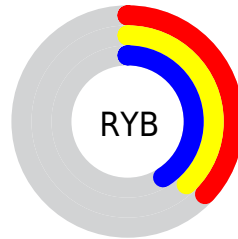
Distribution



Red (37%)

Green (38%)

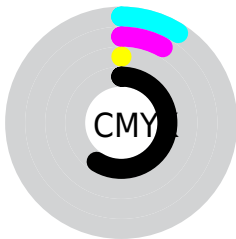
Blue (41%)



Red (37%)

Yellow (38%)

Blue (41%)

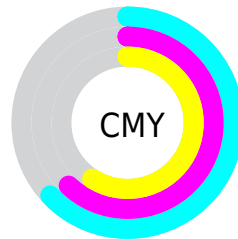


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (59%)



Cyan (63%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 4.871, 286.171 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, 4.871, 286.171 by changing the saturation by 10% instead.

■ 41, 4.871, 286.171

■ 41, 4.871, 286.171

■ 100, 4.871,
286.171

■ 31, 4.871, 286.171

■ 61, 4.871, 286.171

■ 21, 4.871, 286.171

■ 71, 4.871, 286.171

■ 11, 4.871, 286.171

■ 81, 4.871, 286.171

■ 1, 4.871, 286.171

■ 91, 4.871, 286.171

■ 0, 4.871, 286.171

■ 41, 4.871, 286.171

■ 41, 4.871, 286.171

■ 37, 10.678,
287.347

■ 45, 0.750, 105.029

■ 34, 16.689,

■ 48, 6.195, 104.222

288.729

52, 11.476,
103.456

30, 22.920,
290.334

55, 16.603,
102.786

27, 29.384,
292.185

59, 21.583,
102.197

23, 36.084,
294.287

62, 26.426,
101.678

20, 42.980,
296.613

66, 31.137,
101.218

16, 49.936,
299.072

69, 35.724,
100.809

14, 56.629,
301.495

72, 40.193,
100.443

11, 62.554,
303.489

Harmonies

Complementary

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



41, 4.871, 286.171



44, 4.797, 104.389

Rectangle

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



41, 4.871, 286.171



41, 4.871, 336.171



41, 4.871, 106.171



41, 4.871, 156.171

Sweetspot

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



41, 4.870, 286.163



55, 2.079, 285.600



43, 3.714, 189.243



28, 1.589, 285.663



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 4.870, 286.163



52, 6.996, 286.344



41, 5.669, 305.302



19, 3.110, 286.191



13, 68.275, 303.934



32, 122.999, 305.025

Inverse Universe

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



41, 3.861, 10.836



52, 5.560, 10.991



44, 5.585, 124.497



19, 2.467, 10.861



23, 53.141, 32.722



51, 95.610, 36.041

Previews

White Background



This preview shows how the CIELCh color 41, 4.871, 286.171 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, 4.871, 286.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

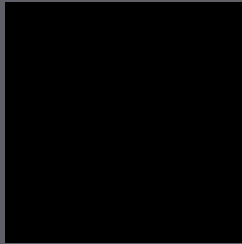
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

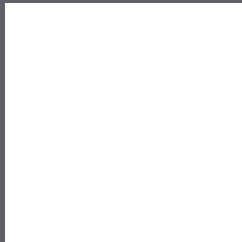
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 4.871, 286.171

Background



This preview shows how black text looks on a background with the CIELCh color 41, 4.871, 286.171.



This preview shows how white text looks on a background with the CIELCh color 41, 4.871, 286.171.

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, 4.871, 286.171

Protanopia

41, 4.860, 290.916

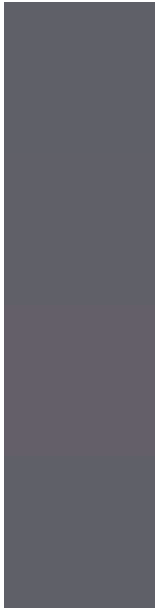
Deuteranopia

41, 7.474, 316.990



Tritanopia
41, 4.871, 286.171

Trichromacy



Original Color

41, 4.871, 286.171

Protanomaly

41, 4.860, 290.916

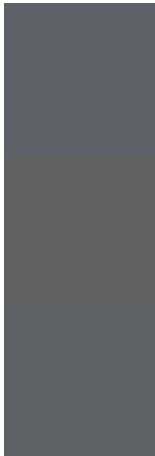
Deuteranomaly

41, 6.434, 309.457

Tritanomaly

41, 4.871, 286.171

Monochromacy



Original Color

41, 4.871, 286.171

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 1.862, 277.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 4.871, 286.171 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(95, 96, 104)` looks like.

```
.text, #text, p{  
    color:rgb(95, 96, 104)  
}
```

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(95, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 96, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 4.871, 286.171 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(95, 96, 104) }
```

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

```
.border{ border-color:rgb(95, 96, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 96, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(95, 96,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 4.871, 286.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 96, 104) }
```

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

```
.background{ background-color: rgb(95, 96,  
104) }
```

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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