

Converting Colors

CIELCh(41, 9.863, 280.362)

Have a look what the booklet for
CIELCh(41, 9.863, 280.362) contains.

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Color

CIELCh(41, 9.863, 280.362)

Conversions

Conversions Part 1

Format	Color
Hex	5B6070
RGB	91, 96, 112
RGB Percent	36%, 38%, 44%
CMY	0.6415, 0.6219, 0.5591
CMYK	0.19, 0.14, 0.00, 0.56
HSL	226°, 10%, 40%
HSV	226°, 19%, 44%
XYZ	11.5229, 11.8645, 17.1347
YIQ	96.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

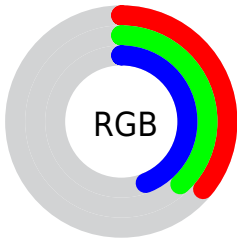
Format	Color
RYB	91, 95, 112
Decimal	5988464
CIELab	41.00, 1.77, -9.70
CIElCh	41, 9.863, 280.362
Yxy	11.8645, 0.2844, 0.2928
Android (android.graphics.Color)	4284178544 (0xFF5B6070)
YUV	96.3290, 7.7258, -4.6735
Hunter-Lab	34.4449, -0.5647, -5.3824

Details

The CIELCh color **41, 9.863, 280.362** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 9.727, 95.916**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 10.271, 281.077**, and **21, 9.634, 280.055** is the 20% darker color. If you saturate the color by 10%, you get **38, 15.329, 281.886**, and if you desaturate by 10%, it is **44, 4.532, 279.050**.

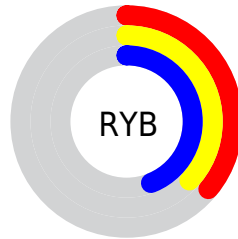
Distribution



Red (36%)

Green (38%)

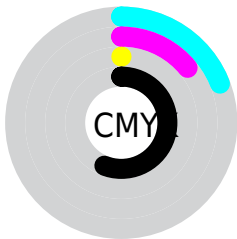
Blue (44%)



Red (36%)

Yellow (37%)

Blue (44%)

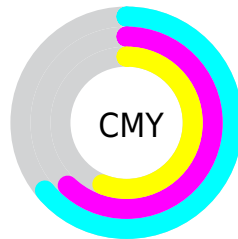


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (56%)



Cyan (64%)

Magenta (62%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.863, 280.362 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, 9.863, 280.362 by changing the saturation by 10% instead.

■ 41, 9.863, 280.362

■ 41, 9.863, 280.362

■ 100, 9.863,
280.362

■ 31, 9.863, 280.362

■ 61, 9.863, 280.362

■ 21, 9.863, 280.362

■ 71, 9.863, 280.362

■ 11, 9.863, 280.362

■ 81, 9.863, 280.362

■ 1, 9.863, 280.362

■ 91, 9.863, 280.362

■ 0, 9.863, 280.362

■ 41, 9.863, 280.362

■ 41, 9.863, 280.362

■ 38, 15.329,
281.886

■ 44, 4.532, 279.050

■ 34, 20.946,

■ 48, 0.668, 97.704

283.660

51, 5.747, 96.865

31, 26.727,
285.711

55, 10.708, 96.005

27, 32.689,
288.059

58, 15.556, 95.244

24, 38.841,
290.700

61, 20.295, 94.570

21, 45.162,
293.584

65, 24.928, 93.971

18, 51.555,
296.596

68, 29.459, 93.435

16, 57.824,
299.390

15, 58.626,
299.708

Harmonies

Complementary

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



41, 9.863, 280.362



45, 9.727, 95.916

Rectangle

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



41, 9.863, 280.362



41, 9.863, 330.362



41, 9.863, 100.362



41, 9.863, 150.362

Sweetspot

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



41, 9.862, 280.358



58, 3.854, 278.755



46, 8.945, 177.895



30, 2.577, 278.808



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 9.862, 280.358



51, 14.399, 280.924



40, 13.036, 301.129



22, 2.930, 279.087



17, 61.788, 299.929



38, 111.277, 301.603

Inverse Universe

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



41, 9.462, 2.157



51, 13.860, 2.602



46, 12.574, 118.803



22, 2.782, 1.129



24, 51.064, 24.107



52, 89.413, 27.582

Previews

White Background



This preview shows how the CIELCh color 41, 9.863, 280.362 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, 9.863, 280.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

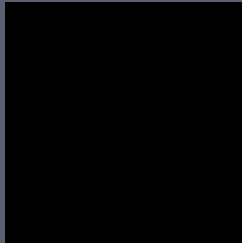
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

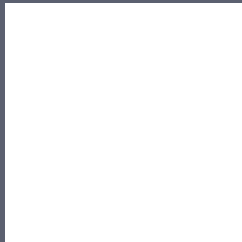
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 9.863, 280.362

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.863, 280.362.



This preview shows how white text looks on a background with the CIELCh color 41, 9.863, 280.362.

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

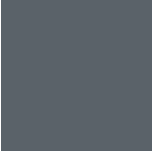
41, 9.863, 280.362

Protanopia

41, 9.730, 287.048

Deuteranopia

41, 11.694, 299.567



Tritanopia
41, 5.240, 253.520

Trichromacy



Original Color

41, 9.863, 280.362

Protanomaly

41, 9.760, 284.789

Deuteranomaly

41, 10.956, 293.842

Tritanomaly

41, 7.026, 271.590

Monochromacy



Original Color

41, 9.863, 280.362

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 3.716, 278.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.863, 280.362 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(91, 96, 112)` looks like.

```
.text, #text, p{  
    color:rgb(91, 96, 112)  
}
```

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(91, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 96, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.863, 280.362 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(91, 96, 112) }
```

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

```
.border{ border-color:rgb(91, 96, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 96, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(91, 96,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.863, 280.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 96, 112) }
```

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

```
.background{ background-color: rgb(91, 96,  
112) }
```

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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