

Converting Colors

CIELCh(41, 7.886, 297.516)

Have a look what the booklet for
CIELCh(41, 7.886, 297.516) contains.

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Color

CIELCh(41, 7.959, 297.104)

Conversions

Conversions Part 1

Format	Color
Hex	615F6C
RGB	97, 95, 108
RGB Percent	38%, 37%, 42%
CMY	0.6187, 0.6266, 0.5756
CMYK	0.10, 0.12, 0.00, 0.58
HSL	249°, 6%, 40%
HSV	249°, 12%, 42%
XYZ	11.7836, 11.8645, 15.9187
YIQ	97.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

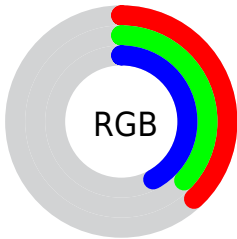
Format	Color
R _Y B	97, 95, 108
Decimal	6381420
CIE Lab	41.00, 3.63, -7.08
CIE LCh	41, 7.959, 297.104
Yxy	11.8645, 0.2978, 0.2999
Android (android.graphics.Color)	4284571500 (0xFF615F6C)
YUV	97.0800, 5.3836, -0.0702
Hunter-Lab	34.4449, 0.7862, -3.2894

Details

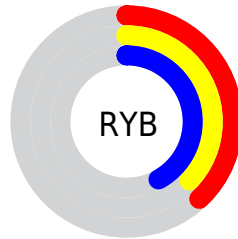
The CIELCh color $41, 7.959, 297.104$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 7.761, 115.372$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 7.994, 299.136$, and $21, 8.194, 298.077$ is the 20% darker color. If you saturate the color by 10%, you get $37, 14.851, 297.970$, and if you desaturate by 10%, it is $45, 1.316, 296.348$.

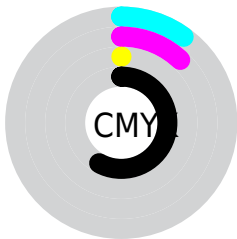
Distribution



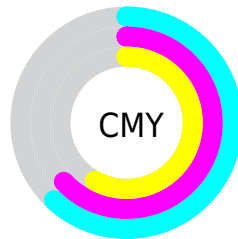
- Red (38%)
- Green (37%)
- Blue (42%)



- Red (38%)
- Yellow (37%)
- Blue (42%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 7.959, 297.104 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, 7.959, 297.104 by changing the saturation by 10% instead.

■ 41, 7.959, 297.104

■ 41, 7.959, 297.104

■ 100, 7.959,
297.104

■ 31, 7.959, 297.104

■ 61, 7.959, 297.104

■ 21, 7.959, 297.104

■ 71, 7.959, 297.104

■ 11, 7.959, 297.104

■ 81, 7.959, 297.104

■ 1, 7.959, 297.104

■ 91, 7.959, 297.104

■ 0, 7.959, 297.104

■ 41, 7.959, 297.104

■ 41, 7.959, 297.104

■ 37, 14.851,
297.970

■ 45, 1.316, 296.348

■ 33, 22.004,

■ 49, 5.089, 115.691

298.965

53, 11.270,
115.126

29, 29.414,
300.093

57, 17.242,
114.637

25, 37.048,
301.346

60, 23.019,
114.214

22, 44.811,
302.695

64, 28.612,
113.848

18, 52.482,
304.067

68, 34.034,
113.530

15, 59.625,
305.329

72, 39.295,
113.254

12, 65.555,
306.294

75, 44.405,
113.014

11, 70.179,
307.208

Harmonies

Complementary

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



41, 7.959, 297.104



45, 7.761, 115.372

Rectangle

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



41, 7.959, 297.104



41, 7.959, 347.104



41, 7.959, 117.104



41, 7.959, 167.104

Sweetspot

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



41, 7.958, 297.101



56, 3.234, 296.496



44, 4.521, 213.993



29, 2.319, 296.540



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 7.958, 297.101



52, 11.519, 297.295



42, 8.632, 314.590



20, 3.670, 296.858



12, 74.381, 307.150



32, 128.640, 306.819

Inverse Universe

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



42, 8.562, 329.625



53, 12.356, 329.764



45, 8.539, 133.659



21, 3.963, 329.442



26, 58.007, 335.143



56, 99.153, 335.623

Previews

White Background



This preview shows how the CIELCh color 41, 7.959, 297.104 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, 7.959, 297.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

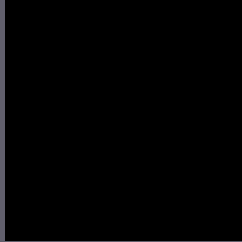
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

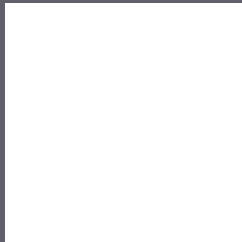
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 7.959, 297.104

Background



This preview shows how black text looks on a background with the CIELCh color 41, 7.959, 297.104.



This preview shows how white text looks on a background with the CIELCh color 41, 7.959, 297.104.

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, 7.959, 297.104

Protanopia

41, 7.897, 288.498

Deuteranopia

41, 9.003, 309.614



Tritanopia
41, 4.860, 290.916

Trichromacy



Original Color

41, 7.959, 297.104

Protanomaly

41, 7.894, 291.360

Deuteranomaly

41, 8.884, 307.132

Tritanomaly

41, 6.074, 291.094

Monochromacy



Original Color

41, 7.959, 297.104

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 3.073, 298.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 7.959, 297.104 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(97, 95, 108)` looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 108)  
}
```

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(97, 95, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 7.959, 297.104 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(97, 95, 108) }
```

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

```
.border{ border-color:rgb(97, 95, 108) }
```

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

Here you see how a box with a 4 pixel rgb(97, 95, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 108);  
box-shadow:4px 4px 4px 4px rgb(97, 95,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 7.959, 297.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 95, 108) }
```

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

```
.background{ background-color: rgb(97, 95,  
108) }
```

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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